CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Water filtration plant, Milwaukee, Wis., making plans, $4,000,000.

Bridge, Ohio, Syndicate making plans for bridge across Sandusky Bay, $3,000,000.

Office, New York, N. Y., H. H. Uris having plans prepared, $250,000.

Bridge, Lorain, O., Lorain Co. making preliminary plans, $2,250,000.

Memorial, San Francisco, Calif., San Francisco War Memorial committee making plans, $2,000,000.

Apartment, Chicago, Ill., H. De Camp making plans, $2,000,000.

Club, Los Angeles, Calif., "233-Club" having plans prepared, $1,500,000.

Hotel, Elizabeth, N. J., Chamber of Commerce Hotel Corp. making plans, $1,500,000.

Paving, bridges, etc., Ventura, Calif., making preliminary plans, $1,500,000.

Drainage, Pharr-Hidalgo Co. Water Impvt. Dist. 2, voted bonds, $1,500,000.

Club, Wilmette, Ill., Vista del Lago had plans prepared, $1,500,000.

Union Station Plaza, St. Louis, Mo., city plans commission making preliminary plans, $1,289,000.

Hotel, Santa Monica, Calif., E. B. Cohliss and others having plans prepared $1,200,000.

Paving and graveling, Tipton, Ia., Cedar Co. election Nov. 2, $1,129,000.

Office, Cincinnati, O., W. Lucking having plans prepared, $1,000,000.

Hotel, Gary, Ind., E. A. Barger, having plans prepared, $1,000,000.

Hotel, San Francisco, Calif., L. B. Ham and others making plans, $1,000,000.

Subway, Seattle, Wash., city council making plans, $1,000,000.

Bids Desired

Theatre and office, St. Louis, Mo., after Nov. 1, by W. Fox Film Corp., $5,000,000.

Wholesale Grocery, Somerville, Mass., Nov. 9, by Marks & Johnson for First Natl. Stores Inc., $2,000,000.

High School, Roxbury, Mass., Nov. 1, by city, Schoolhouse Dept., $1,480,000.

Club, Los Angeles, Calif., about Nov. 1, Meyer & Holler, archts., $1,100,000.

Contracts

Office and hotel, Los Angeles, Calif., State Societies of Southern California to S. H. Shave Constr. Co., $3,500,000.

Theatre, store and office, Los Angeles, Calif., Warner Bros., to Lange and Bergstrom, $2,000,000.

Hotel, Windsor, Ont., A. K. Davis to Otto Misch Co., $1,500,000.

Memorial, Indianapolis, Ind., Trustees Indiana War Memorial to Hunkin-Conkey Constr. Co., $1,277,000.

Apartment Beverly Hills, Calif., W. B. McCarty to Simpson Constr. Co., $1,250,000.

Pier, San Francisco, Calif., State Bd. Harbor Comrs. to Healy-Tibbitts Constr. Co., $1,090,842.

Classified Index of Bids Wanted

Waterworks

Bids close — *See Eng. News-Record*

Nov. 1 Greenburg (Scarsdale P. O.), N. Y. ..... Oct. 21
Adv. Oct. 21 and 28.
Nov. 1 Euclid, O. ..... Oct. 28
Nov. 2 Vancouver, B. C. ..... Oct. 21
Nov. 2 Louisville, Ky. ..... Oct. 14
Nov. 2 Toronto, Ont. ..... Oct. 28
Nov. 3 Pierre, S. D. ..... Oct. 21
Nov. 3 Chaffee, Mo. ..... Oct. 28
Nov. 3 West Point, Neb. ..... Oct. 28
Nov. 3 Milwaukee, Wis. ..... Oct. 28
Nov. 5 Long Island City, N. Y. .... Oct. 28
Nov. 8 Amarillo, Tex. ..... Oct. 28
Nov. 10 High Point, N. C ..... Oct. 28
Adv. Oct. 21 and 28.
Nov. 10 Corning, Ark. ..... Oct. 28
Nov. 23 Kernesville, N. C. ..... Oct. 28
Dec. 20 New Orleans, La. ..... Oct. 21
Adv. Oct. 21 and 28.

Sewers

Nov. 1 New Jersey ..... Oct. 21
Nov. 1 West Allis, Wis. ..... Oct. 28
Nov. 1 Euclid, O. ..... Oct. 28
Nov. 2 Toronto, Ont. ..... Oct. 7
Nov. 3 Baltimore ,Md. ..... Oct. 28
Nov. 3 Chester, Pa. ..... Oct. 28
Adv. Oct. 28.
Nov. 3 Phila., Pa. ..... Oct. 28
Nov. 5 Seminole, Okla. ..... Oct. 28
Nov. 5 Xenia, O. ..... Oct. 21
Nov. 8 Milwaukee, Wis. ..... Oct. 28
Nov. 9 Lynn, Mass. ..... Oct. 21
Nov. 10 Huron, S. D. ..... Oct. 21
Nov. 10 Birmingham, Ala. ..... Oct. 7
Nov. 10 Thomasville, N. C. ..... Oct. 14
Nov. 10 Midland, Pa. ..... Oct. 28
Nov. 15 Pikesville, Md. ..... Oct. 21

Bridges

Oct. 29 Phila., Pa. ..... Oct. 21
Oct. 30 Ontario ..... Oct. 28
Nov. 1 Newark, N. J. ..... Oct. 14
Nov. 1 New York ..... Oct. 21
Adv. Oct. 21 and 28.
Nov. 1 California ..... Oct. 21
Nov. 2 Bartow, Fla. ..... Oct. 28
Nov. 3 Granite, Okla. ..... Oct. 28
Nov. 4 Phila., Pa. ..... Oct. 28
Nov. 4 Missouri ..... Oct. 28
Nov. 5 New York and Pennsylvania ..... Oct. 21
Adv. Oct. 21 and 28.
Nov. 8 Dayton, O. ..... Oct. 28
Nov. 15 New Jersey ..... Oct. 28
Adv. Oct. 28.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Bids close — *See Eng. News-Record*

Nov. 18 Louisiana ..... Oct. 28
Dec. 1 Copenhagen, Denmark .... July 15
Nov. 4 Vinton, La. ..... Oct. 21
Nov. 5 Alexandria, La. ..... Oct. 21
Nov. 5 Port Allen, La. ..... Oct. 21
Nov. 15 Gulfport, Miss. ..... Oct. 28
Adv. Oct. 28.
Nov. 16 Rochester, N. Y. ..... Oct. 21
Adv. Oct. 21 and 28.
Nov. 16 Arkansas ..... Oct. 28

Streets and Roads

Oct. 29 New York ..... Oct. 14
Adv. Oct. 14 to 28.
Oct. 29 Cincinnati, O. ..... Oct. 21
Oct. 30 Beckley, W. Va. ..... Oct. 28
Nov. 1 Brownstown, Ind. ..... Oct. 21
Nov. 1 Alabama ..... Oct. 21
Nov. 1 Adel, Ia. ..... Oct. 28
Nov. 2 Louisiana ..... Oct. 28
Nov. 3 Florida ..... Oct. 21
Nov. 3 Ottawa, Kan. ..... Oct. 21
Nov. 3 Spencer, Ind. ..... Oct. 28
Nov. 3 Florida ..... Oct. 28
Nov. 3 Winamac, Ind. ..... Oct. 28
Nov. 3 Pittsburgh, Pa. ..... Oct. 28
Nov. 3 Carrick (mail Pittsburgh), Pa. ..... Oct. 28
Nov. 3 Baltimore, Md. ..... Oct. 28
Nov. 3 Saskatchewan ..... Oct. 28
Nov. 3 Pueblo, Colo. ..... Oct. 28
Nov. 3 Medford (br. Boston), Mass. ..... Oct. 28
Nov. 3 Newton, Kan. ..... Oct. 28
Nov. 3 St. George, N. Y. ..... Oct. 28
Nov. 4 Newton, Kan. ..... Oct. 21
Nov. 4 Deland, Fla. ..... Oct. 21
Nov. 4 West Virginia ..... Oct. 21
Nov. 4 Meridian, Miss. ..... Oct. 28
Nov. 4 New York, N. Y. ..... Oct. 28
Nov. 4 Missouri ..... Oct. 28
Nov. 4 Phila., Pa. ..... Oct. 28
Nov. 5 Jetmore, Kan. ..... Oct. 21
Nov. 5 Pennsylvania ..... Oct. 21
Adv. Oct. 21 and 28.
Nov. 5 Pierson, Fla. ..... Oct. 28
Nov. 5 New York, N. Y. ..... Oct. 28
Nov. 8 Indianapolis, Ind. ..... Oct. 28
Nov. 8 New Jersey ..... Oct. 21
Adv. Oct. 21 and 28.
Nov. 8 West Virginia ..... Oct. 21
Nov. 8 Austin, Tex. ..... Oct. 28
Nov. 8 Magnolia, Miss. ..... Oct. 28
Nov. 8 Los Angeles, Calif. ..... Oct. 28
Nov. 9 Buffalo, N. Y. ..... Oct. 28
Nov. 9 West Virginia ..... Oct. 21
Nov. 9 Santa Rosa, Calif. ..... Oct. 28
Nov. 10 Nevada ..... Oct. 28
Nov. 11 Louisiana ..... Oct. 28
Nov. 11 West Virginia ..... Oct. 21
Nov. 12 Emporia, Kan. ..... Oct. 21
Nov. 12 Tennessee ..... Oct. 28
Nov. 13 Olathe, Kan. ..... Oct. 28
Nov. 15 Goldsboro, N. C. ..... Oct. 28
Nov. 15 New Jersey ..... Oct. 28
Adv. Oct. 28.
Nov. 16 Arkansas ..... Oct. 21
Nov. 16 Alabama ..... Oct. 28
Nov. 18 Louisiana ..... Oct. 28
Nov. 18 Louisville, Miss. ..... Oct. 28
Nov. 19 Kentucky ..... Oct. 21
Nov. 22 Olathe, Kan. ..... Oct. 28
Nov. 22 Eddyville, Kan. ..... Oct. 28
Nov. 23 Fort Scott, Kan. ..... Oct. 28
Nov. 23 Louisiana ..... Oct. 28

Buildings—Commercial

Oct. 30 Phila., Pa. ..... Oct. 28
Nov. 1 Evansville, Ind. ..... Oct. 21
Nov. 2 Houston, Tex. ..... Oct. 28
Nov. 4 New York, N. Y. ..... Oct. 21
Nov. 4 Atlantic City, N. J. ..... Oct. 7
Nov. 5 Canton, O. ..... Oct. 7
Nov. 6 Beaumont, Tex. ..... Oct. 28
Nov. 9 Somerville (Boston P. O.), Mass. ..... Oct. 28
Nov. 10 Chicago, Ill. ..... Oct. 28
Nov. 10 Baltimore, Md. ..... Oct. 28
Nov. 14 Connellsville, Pa. ..... Oct. 28
Nov. 15 Duluth, Minn. ..... July 15
Nov. 15 El Dorado, Ark. ..... Oct. 28
Nov. 16 Chicago, Ill. ..... Oct. 28
Nov. 18 Ft. Wayne, Ind. ..... Oct. 21
Nov. 20 Duluth, Minn. ..... Oct. 28
Nov. 23 Visalia, Calif. ..... Oct. 28
Jan. 1 Wash., D. C. ..... Oct. 7

Buildings—Industrial

Nov. 1 Columbus, O. ..... Oct. 21
Jan. 1 Salem, O. ..... Sept. 30

Buildings—Educational, Religious

Oct. 28 Newark, N. J. ..... Oct. 7
Oct. 29 Kent, O. ..... Oct. 21
Oct. 29 Detroit, Mich. ..... Oct. 21
Nov. 1 Newberry, N. C. ..... Oct. 21
Nov. 1 Phila., Pa. ..... Oct. 28
Nov. 1 New York, N. Y. ..... Oct. 28
Nov. 1 Roxbury (Boston P. O.), Mass. ..... Oct. 28
Nov. 2 Pittsburgh, Pa. ..... Oct. 28
Nov. 2 Milwaukee, Wis. ..... Oct. 21
Nov. 2 Mansfield, La. ..... Oct. 21

See proposal advertising on page 119

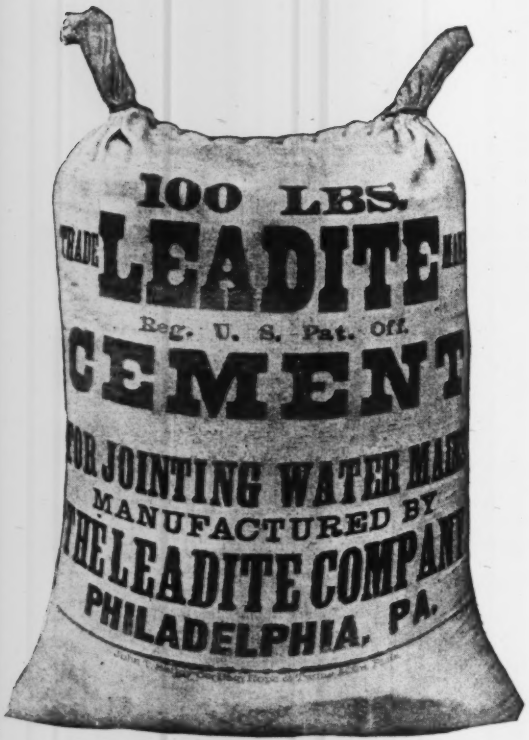
Constr. News page 273

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

A list of the Country's principal cities, large and small—

Is a list of the satisfied users of LEADITE.

Leadite Users are Leadite Boosters



EAST or West, North or South, take your pick of the cities—and you'll find many of them on the customer list of Leadite—

The country's principal cities, large and small—the country's representative water works engineers, construction companies and water works departments of industrial plants, railroads and mines are strong for Leadite for jointing cast iron water mains—

Are demonstrating what you will be able to do when you use Leadite—

What, for instance?—

You will do away with the need for caulking—or the need for digging out for large bell holes.

You will be able to use Leadite for all sizes of pipe from 4 in. to 60 in. diameter—under all pressures and conditions—

Give Leadite a trial.

Leadite resists electrolysis.

Leadite does not corrode or rust.

Leadite has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with Leadite are in service.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1511 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
Nov. 2	Lincoln, Neb.	Oct. 28
Nov. 2	Wash., D. C.	Oct. 28
Nov. 4	Union, N. J.	Oct. 14
Nov. 4	Louisville, Ky.	Oct. 28
Nov. 4	Minneapolis, Minn.	Oct. 28
Nov. 4	Racine, Wis.	Oct. 28
Nov. 4	Norwichtown Ind. (br. Norwich), Conn.	Oct. 28
Nov. 4	Oakland, Calif.	Oct. 28
Nov. 5	Los Angeles, Calif.	Oct. 28
Nov. 6	New Albany, Ind.	Oct. 21
Nov. 9	Redding, Calif.	Oct. 28
Nov. 9	Rocky Mount, N. C.	Oct. 28
Nov. 9	New York, N. Y.	Oct. 28
Nov. 12	Chicago, Ill.	Oct. 21
Nov. 15	Jacksonville, Fla.	Oct. 7
Nov. 16	Nashville, Tenn.	Oct. 28
Dec. 1	Indianapolis, Ind.	Oct. 21
Dec. 1	Duluth, Minn.	Oct. 21
Jan. 1	Wash., D. C.	Oct. 7
Feb. 1	Wash., D. C.	Oct. 7

Federal Government Work

Oct. 29	Dredging—Newark, N. J.	Sept. 30
Nov. 1	Survey Boat—Memphis, Tenn.	Sept. 30
Nov. 1	Remodeling—Evanston, Ill.	Oct. 21
Nov. 2	Pumping Plant, etc.—Bangor, Me.	Oct. 14
Nov. 2	Remodeling—Iowa City, Ia.	Oct. 21
Nov. 5	Derrick Boat—Wash., D. C. Adv. Oct. 7 to 28.	Oct. 7

Bids close		See Eng. News-Record
Nov. 5	Hose—West Pittsfield (mail Pittsfield), Mass.	Oct. 28
Nov. 9	Attendants Quarters, etc. — Northampton, Mass.	Oct. 14
Nov. 9	Remodeling—Pasadena, Calif.	Oct. 21
Nov. 10	Dam—San Carlos, Ariz.	Oct. 7
Nov. 17	Barge—Norfolk, Va.	Oct. 21
Nov. 17	Quarters—Washington	Oct. 21
Nov. 20	Dredging—Massachusetts. Adv. Oct. 21 and 28.	Oct. 21
Nov. 26	Metal Work—Louisville, Ky. Adv. Oct. 28.	Oct. 28
Dec. 15	Road—California	Oct. 28

Unclassified

Oct. 29	Subway—New York, N. Y.	Oct. 21
Nov. 2	Swimming Pool—Williamstown, Mass.	Oct. 28
Nov. 3	Stadium—St. Louis, Mo.	Oct. 28
Nov. 4	Railroad Crossing, etc.—Phila., Pa.	Oct. 28
Nov. 4	Wharf Bulkhead—San Francisco, Calif.	Oct. 28
Nov. 4	Playground—Brooklyn, N. Y.	Oct. 28
Nov. 4	Playground—New York, N. Y.	Oct. 28
Nov. 4	Boring—New York, N. Y.	Oct. 28
Nov. 4	Pier—Oakland, Calif.	Oct. 28
Nov. 5	Gallows Frame—New York, N. Y.	Oct. 28
Nov. 6	Heating and Ventilating System—Portage, Pa.	Oct. 28

Bids close		See Eng. News-Record
Nov. 9	Wading Pool, etc.—Yonkers, N. Y. Adv. Oct. 21 and 28.	Oct. 28
Nov. 10	Heating Work, etc.—Brooklyn, N. Y. Adv. Oct. 21 and 28.	Oct. 21
Nov. 10	Sanitary Work, etc. Central Islip, N. Y. Adv. Oct. 21 and 28.	Oct. 21
Nov. 15	Ornamental Lighting System —Beverly Hills, Calif.	Oct. 28
Nov. 15	Plumbing, Heating, etc.—Columbus, O.	Oct. 28
Dec. 1	Aviary—Wash., D. C.	Oct. 7

Materials

Nov. 1	Joint Bars, Track Bolts and Spikes, etc.—Phila., Pa.	Oct. 28
Nov. 1	Broken Stone—St. George, N. Y.	Oct. 28
Nov. 3	Cable—Melbourne, Australia	Sept. 16
Nov. 3	Pig Lead and Solder—Chicago, Ill.	Oct. 28
Nov. 3	Granite Blocks—Brooklyn, N. Y.	Oct. 28
Nov. 4	Gravel—Louisiana	Oct. 28
Nov. 5	Portland Cement—St. George, N. Y.	Oct. 28
Nov. 8	Pipe, etc.—Providence, R. I.	Oct. 28
Nov. 9	Bridge Lumber—Knoxville, Ia.	Oct. 28
Nov. 30	Wire—Wellington, New Zealand	Oct. 28

News of New Work

Waterworks

Proposed Work

N. C., Goldsboro — See "Streets and Roads."

Tenn., Gleason—Voted $30,000 bonds, for Waterworks.

Mich., Muskegon — Campbell, Wyant & Cannon Fdry. Co. making plans 16,175 ft. 6 and 8 in. c.i. mains in various streets. $30,000. M. M. Buck, Union Bank Bldg., engr.

Ill., Galesburg—Election Nov. 1, $125,000 bonds, improving waterworks, incl. new well, etc. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, engrs.

Ill., Gardner—Making plans waterworks system, incl. 4, 6 and 8 in. mains, etc. $35,000. Marr, Green & Co., 400 North Michigan Ave., Chicago, engrs.

Wis., Milwaukee—H. P. Bohmann, supt. Water Dept., plans water filtration plant. $4,000,000. J. P. Schwada, City Hall, engr.

Ia., Massena—Voted $24,000 bonds, constructing waterworks. Total $30,000. E. E. Lien, town clk.

Neb., Stamford—R. Weare, village clk., rejected bids Oct. 21, one 12 in. tubular well approximately 50 ft. deep; one 60 g.p.m. single stroke deepwell pump, etc. Will readvertise. Noted Oct. 14.

N. D., Ashley—G. A. Bietz, city aud., making plans waterworks. $15,000.

Mo., Kansas City—See "Unclassified."

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, making preliminary plans rein.-con. clear water basin, at Howards Bend Waterworks Sta. on St. Louis River, St. Louis Co., $360,000; also secondary coagulant basin, $125,000. J. Pritchard, City Hall, dir.

Tex., Cuero—Making preliminary surveys, etc. replacing present standpipe, 110 ft. high, 22 in. diam., steel. $12,000. Address Mayor.

Tex., De Kalb — Voted $53,000 bonds, waterworks system. Address Mayor.

Tex., Devine — Voted $50,000 bonds, waterworks. M. R. DuBose, mayor.

Tex., Stanton—Election Nov. 23, $45,000 bonds waterworks improvements. Hawley & Roberts, 403 Cotton Exch. Bldg., Ft. Worth, engrs.

Wash., Soap Lake—Voted $25,000, new waterworks.

Calif., Arcadia—Plans election $188,000 bonds, improving and extending water system.

Calif., Beverly Hills — Plans election $750,000 bonds, improving and extending waterworks.

Calif., Concord—Port Costa Water Co. making plans extending watermains for fire protection. $40,000 or more. Engineering Dept. for owners, engrs.

Calif., Monterey Park — Plans election $180,000 bonds, improving water system, incl. pipe line.

Calif., Redding—Pacific Gas & Electric Co., 245 Market St., San Francisco, plans filtration plant. $20,000. Eng. Dept., of Owners, engr.

B. C., Burnaby—Municipality plans election in January $200,000 bonds, extending general waterworks. E. Smith, Municipal Hall, Edmonds, engr. Noted May 6.

Bids Desired

N. Y., Long Island City—Nov. 5, by N. J. Hayes, Comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Arcadia and Graham Aves., Austin, Bowne, Robinson, Leavitt Sts., etc., here.

N. C., High Point—Nov. 10, by H. A. Moffit, mayor and City Council, waterworks improvements on Deep River, near Jamestown. W. C. Olsen, Raleigh consult. engr.; adv. E. N.-R. Oct. 28.

N. C., Kernersville — Nov. 23, by S. F. Vance, mayor, and Bd. Comrs. 1 mg. water purification plant, with mixing and settling basin, filters, clear water reservoir, pump station and earth dam, 6,000 lin.ft. 8 in. c.i. pipe and necessary appurtenances. Carolina Eng. Co., 917-919 Johnston Bldg., Charlotte, engr.

O., Euclid—Nov. 1, by Village, mains in 7 streets in Sherwood Forest Subdivision. To exceed $25,000. F. A. Thomas, Town Hall, engr.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Mich., Muskegon—Taking bids repairing joints of 48 in. c.i. intake for water supply. $25,000. H. J. Lewis, City Hall, engr.

Wis., West Allis—See "Sewers."

Neb., West Point—Nov. 3, by City Council, relining old brick and constructing new rein.-con. reservoir; also 8,600 ft. 4 in. c.i. mains in various streets. $19,000. Nixon & Reynolds, 305 Grain Exch. Bldg., Omaha, engrs. Noted Oct. 21.

Mo., Chaffee—Nov. 3, by City Clerk, deep well for water supply. C. E. Smith & Co., 2073 Ry. Exch. Bldg., St. Louis, engrs. Noted Apr. 22.

Ark., Corning—Nov. 10, by Bd. Comrs., waterworks Impvt. Dist. 1, W. M. Fowler, pres., pump house, 2 pumps and pumping machinery, 100,000 gal. tank on 100 ft. tower, 35,000 ft. 4- to 8-in. c.i. pipe, etc. $60,000. J. R. Rhyne, Corning, engr. Noted Apr. 1.

Tex., Amarillo—Nov. 8, by City Comrs. 2 direct connected synchronous motor driven centrifugal pumping engines one 4 m.g.d. and other 6 m.g.d. capacity for pumping water taken from storage reservoir and delivered into distributing system of city. H. B. Jones, city engr., Wynkoop Kiersted, 614 Interstate Bldg., Kansas City, Mo., engrs.

Ont., Toronto — Nov. 2, by T. Foster, mayor, City Hall, water meters, Tender 54. $10,000. R. C. Harris, City Hall, engr.

Bids Received

O., Avon Lake—Bd. Comrs. Lorain Co. (Elyria), Oct. 15, waterworks, from A. M. Higley Co., Plymouth Bldg., Cleveland, $219,000. Noted Oct. 7.

Mich., Detroit—Dept. Water Supply, 176 East Jefferson Ave., 36,825 ft. 6- to 12-in. c.i. mains, from L. J. Clancy, 3137 Canton Ave. $28,133.

Mich., Muskegon—Two cast steel rings each of 65-48 in. intake joints under 5 to 40 ft. of water and sand, also lubricated packing and sheathing with no-oxid cloth, from W. E. Beauvais, 1441 7th St., $15,925. Engrs. est. $25,000.

Wis., Milwaukee—Bd. Pub. Wks., R. E. Stoelting, comr., Oct. 19, 3,000 ft. 6- to 30-in. main in Greenbush and Chicago Aves., Sect. B, from G. E. Zimmermann, 3402 Grand Ave., $24,061.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., Oct. 20, 2,880 ft. 6- to 30-in. c.i. mains in Greenbush St. and Chicago Ave., Sect. A, from H. Hohensee, Ludington Ave., Wauwatosa, $32,610.

Calif., Long Beach — From U. S. Cast Iron Pipe & Fdry. Co., Wright-Callender Bldg., Los Angeles, 14,616 ft. 6 in. c.i. water pipe at $0.7423 per ft., 7,836 ft. 8 in. $0.106, and 6,684 ft. 12 in. $0.183, etc.

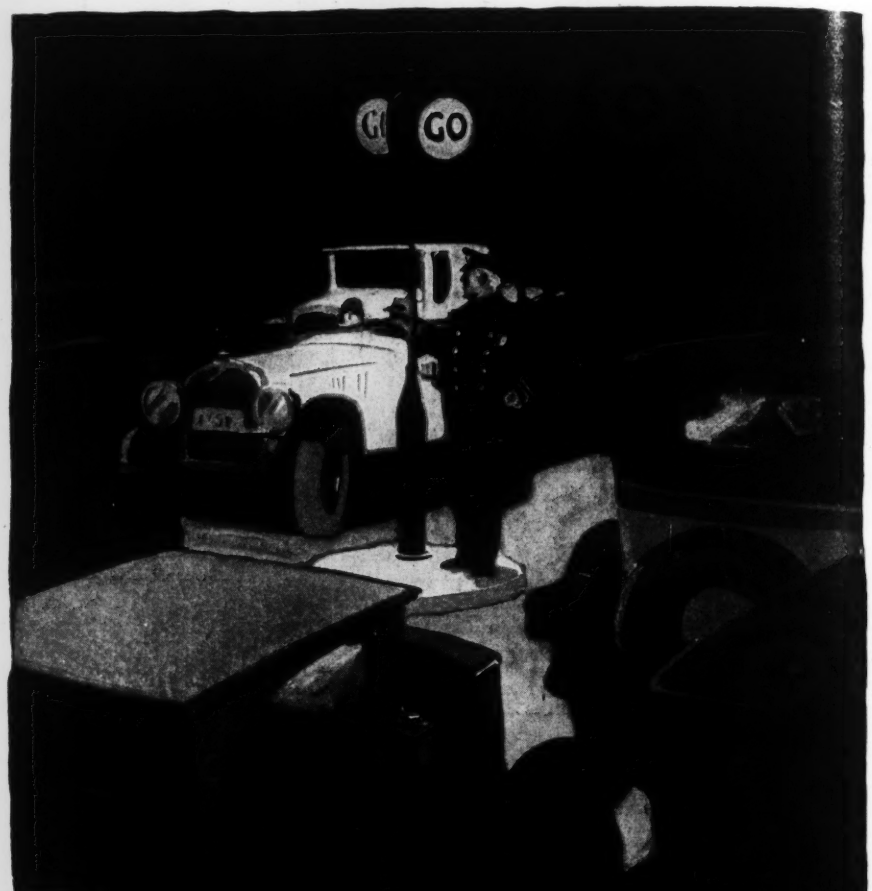
Contracts Awarded

N. Y., Long Island City — N. J. Hayes comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City mains in Anable Ave., Hanley St., etc. to S. Gallicci & Sons, 745 Dean St., Brooklyn, $5,867 and 15th Ave., 60th and 61st Sts., etc. to G. V. Cornell, Rosebank, $11,874. Noted Oct. 21.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Arlington Ave. to Beaver Eng. & Contg. Co., 57 Chambers St., $18,790 and in Ampere, Beach, Boiler, Bryant Aves. to Knight & DeMicco, Inc., 448 Tremont Ave., $14,450. Noted Oct. 21.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, Contr. 838, to M. and J. B. McHugh, 892 North Markoe St., $133,881; Contr. 845, to A. P. Smith Mfg. Co., East Orange,

Constr. News page 274



When time is money . . .
use Quick-Hardening Concrete
made with standard Universal Cement

Michigan Street, Duluth. Salo and Wiinamaki, contractors; John Wilson, city engineer; Standard *Universal* cement furnished by Standard Salt and Cement Co.

Traffic Continues While Street is Re-paved

A busy street in a wholesale district of Duluth; a new pavement badly needed; each day's tie-up a serious handicap to business. This was the problem.

The solution? High Early Strength *Universal* Concrete was used. The street was paved in two sections. *Four days* after the concrete was placed, the pavement was opened for use. A long tie-up was avoided.

Full information on methods for obtaining high early strength concrete with standard *Universal* (not special) cement for use on all jobs where time-saving is important, furnished promptly on receipt of the coupon herewith.

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago.

Without obligation, please send me detailed information on method of securing strong concrete in 3 *days* with standard *Universal* (not special) cement, the same quality *Universal* regularly used.

Name.....

Address.....

ENR-10-28

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

N. J., $14,550; Contr. 841, to Mt. Pleasant Silica Sand Co., Cape May, N. J., $7,363; and Contr. 847, to Quaker City Rubber Co., Wissanoming St., $1,962. Grand total $157,756. Noted Oct. 7.

Md., Baltimore—Bd. Awards, excavating trenches and laying mains in Argonne Dr., for Bureau Water Supply, to Ligon & Ligon, 206 East Lexington St., $68,524. Noted Oct. 21.

Miss., Natchez—For 1,300 g.p.m. pumping equipment and deep well, etc., to Layne Central Co., Chelsea St., Memphis, Tenn. Engrs. est. $30,000. Noted Aug. 12.

Miss., Yazoo City—For 12 in. well approximately 1,000 ft. deep, equipped with Layne vertical centrifugal pump direct connected with vertical motor to deliver 1,500 g.p.m. into surface reservoir, to Layne Central Co., Memphis, Tenn. Engrs. est. $15,000.

O., Cleveland—Cuyahoga Co., 13,430 ft. 4 and 6 in. c.i. mains in Kinsman Rd., to Marra Constr. Co., Union Trust Bldg., $79,413.

O., Cleveland—Cuyahoga Co., 9,000 ft. 6- to 15-in. c.i. mains in Clague Rd., to Joseph, Kahill & Jackson Co., Prospect 4th six 30 in. valves at $950 each; to Michigan Valve & Fdry. Co., Clayton and Parkinson Sts., three hundred 8 in. valves at $26.80 each, and twenty 24 in. valves at $617; to Grimes Molding Machine Co., 5736 Hastings St., three hundred 6 in. valves at $18.80 each, and one hundred 12 in. valves $59.80. Noted Sept. 16.

Mich., Detroit—Dept. Purchases & Supplies, Marquette Bldg., to Fell Mfg. Co., fifty 16 in. gate valves at $166.50 each, and bridge, 38 ft. roadway over Black River, here. $2,250,000. W. P. Brown Co., Finance Bldg., Cleveland, engrs.

Ill., Broadview (mail Bellwood) — Bd. Local Impvts., c.i. mains and vitr. tile sewers in various streets, to A. Scully, Chicago. Noted Oct. 14.

Ill., Elmhurst—See "Streets and Roads."

Wis., Milwaukee—Central Bd. Purchases, J. W. Nicholson, ch. buyer, City Hall, 325 ton 6- to 16-in. c.i. pipe, to U. S. Cast Iron Pipe & Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., $15,405. Noted Oct. 7.

Neb., Stamford — R. E. Weare, village clk., one 40,000 gal. tank on 100 ft. balcony tower, to Omaha Steel Wks., 4802 Leavenworth St., Omaha, $5,670; 9,784 ft. 4- to 8-in. Class "B," and 5,480 ft. 2 in. full weight galvanized pipe, to McWane Pipe Co., 208 South La Salle St., Chicago, Ill., $6,392 and $1,630 respectively; valves, etc., to Interstate Mchy. & Supply Co., 1006 Douglas St., Omaha, $983; and laying pipe, etc., to Sheeley Constr. Co., Seward, $4,228. Grand total $17,926. Noted Oct. 14.

Mo., Maryville—City Council, c/o W. O. Garrett, mayor, electrically driven triplex pump capable delivering 500 g.p.m. against 400 ft. maximum head, to Worthington Pump & Mchy. Co., 825 Scarritt Bldg., Kansas City, $4,147. Noted Sept. 23.

Wash., Yakima—City Comn., water system, c.i., pipe to Amer. Cast Iron Pipe Co., Birmingham, Ala., $21,433; wood pipe, to Cascade Pipe & Flume Co., 2839 West Florida St., Seattle, $20,637; steel pipe, to King Bros. Boiler Wks., 700 East 17th St., Portland, Ore., $4,514; iron pipe and fittings, to Yakima Hardware Co., Yakima, $2,772; and gate valves, to Rensselaer Valve Co., Arctic Bldg., Seattle, $3,909. Grand total $53,265.

Calif., Alhambra — Constructing Kewen Canyon Reservoir, to Herza & Co., San Bernardino, 6 in. concrete slab lining $45,337 or gunite $47,109. Noted Aug. 26.

Calif., Beaumont — Beaumont Irrigation Dist., riveted steel pipe, valves and fittings, f.o.b. Beaumont, to Los Angeles Mfg. Co., 2500 East 23rd St., Los Angeles, approximately $13,130.

Sewers

Proposed Work

Mass., Boston — Plans sewers, etc. in various streets. $26,600 appropriated. J. H. Sullivan, comr.

N. J., Camden—Pensauken Twp. plans sewers in Crescent Blvd. and Columbia Park. $31,000.

N. J., Trenton — Hamilton Twp. Com. plans drain in South Olden Ave. $60,000. Mercer Co. appropriates toward cost. C. S. Sincerbeaux, Mechanics Bldg., engr.

N. C., Goldsboro — See "Streets and Roads."

Pa., Harrisburg—Election Nov. 2, $150,000 bonds, sewers in various streets. R. R. Seaman, city clk.

Pa., Johnstown—Election Nov. 2, $300,000 bonds, sewers in various streets. J. W. Cramer, city clk. Noted May 13.

Pa., Williamsport—Election Nov. 2, $29,000 bonds, sewers in various streets. B. C. Houck, city clk.

La., Marksville—Election Nov. 16, $50,000 bonds, complete sewerage. H. A. Mentz, Hammond, engr.

La., Vivian — Plans complete sewerage system and disposal plant. $75,000. C. D. Evans, 414 Levy Bldg., Shreveport, engr.

Mich., Detroit—Dept. Pub. Wks., making plans 81,692 ft. 12- to 24-in. crock sewers, etc., in Laterals 4643, 4702, 4703, 4704 and 4706; and 22,214 ft. vitr. sewers in Laterals 4668, 4669, 4681, 4700, 4707, 4710, 4713, 4714 and 4715. P. A. Fellows, city engr.

Mich., Iron River — Making surveys sewerage system and disposal plant. Hoad, Decker, Shoecraft & Drury, Ann Arbor, engrs.

Mich., Pontiac — Made plans 11,856 ft. 10- to 18-in. trunk sewer, incl. etc. in Bagley St., Franklin Rd., Earlmore Blvd., Nevada and Nebraska Aves. $30,000. J. R. Pollock, Pontiac, engr.

Ill., Glenview—Made plans vitr. tile and concrete pipe sewers, etc. in North, South and Central Dists. $180,900. Marr, Green & Co., 400 North Michigan Ave., Chicago, engrs.

Ia., Council Bluffs—Made plans pumping station and extending 14,449 ft. 18- to 54-in. sewers, etc. in various streets. $148,394. B. Walker, city engr.

Mo., Kansas City—See "Unclassified."

Tex., Beaumont—Voted $250,000 bonds, sewer improvements incl. larger and additional mains in various streets. R. C. Black, city engr. Noted Sept. 30.

Tex., Brownsville—Voted $65,000 bonds, storm sewers, also $35,000 bonds, sanitary sewers in various streets. Address Mayor. Noted Sept. 30.

Tex., Rockdale — Election soon $25,000 bonds, extending sewer mains into outlying districts, and probably disposal plant. Address Mayor.

Tex., San Antonio — Election Nov. 15, $100,000 bonds disposal plant, Mitchell Lake; also election Nov. 16, $300,000 bonds, sanitary sewers, and $350,000 bonds, storm sewers in various streets. I. Ewig, city engr. Noted Sept. 2.

Okla., Custer City—Made preliminary plans 25,200 ft. 6- to 10-in. sewers, etc. in various streets. $26,000. G. Hess, Mayor. Engineer not selected.

Calif., Fillmore — Making preliminary plans sewerage system. To exceed $25,000. E. M. Lynch, Central Bldg., Los Angeles, engr.

Calif., Inglewood—Voted $105,000 bonds, main line sewer to connect laterals with main trunk sewers of Co. Sanitation Dist. 5; and $680,000 bonds, lateral sewers in various streets.

Calif., Los Angeles—Making estimates trunk line sewer through San Fernando Valley, etc. To exceed $950,000. City Eng. Dept., engrs. Noted Sept. 23.

Calif., Los Angeles—Plans 8- to 18-in. vitr. sewer in Granville Ave. To exceed $25,000.

Calif., Pomona—Making surveys sewerage system in southwest section. To exceed $25,000. F. C. Froehde, city engr.

Calif., Sacramento—Making plans (1st unit) approximately 2,500 ft. sewers from Sump No. 2 to Wright and Kimbrough College Tract. To exceed $25,000. A. J. Wagner, city engr.

B. C., South Vancouver—Making plans laying sewers in 43rd to 51st Aves., $100,000. E. D. Todd, Municipal Hall, engr.

Bids Desired

Pa., Chester—Nov. 3, by Supt. Streets & Pub. Impvts., constructing Sect. 1 West End Intercepting Sewer, Contr. 1. Barker & Wheeler, 36 State St., Albany, N. Y., consult. engrs.; adv. E. N.-R. Oct. 28. Former bids rejected. Noted Oct. 7.

Pa., Midland—Nov. 10, by Boro Council, incl. 1,200 ft. 72 in. rein.-con. (monolithic construction) or 60 in. segment block storm sewer, also 1,580 ft. 24 in. c.i. or 1,470 ft. 24 in. vitr. clay sanitary sewer, etc., from dump at Pittsburgh Crucible Steel Co., to Ohio River. R. H. O'Hara, acting town secy.

Pa., Phila.—Nov. 3, by Dept. Pub. Wks., Bureau of Engineering, Schedule A, main sewers in Hellerman St. and State Rd.; Schedule B, removing old and constructing new sewer in Spruce St. G. H. Biles, dir.

Md., Baltimore—Nov. 3, by Bd. Awards, storm drains and sanitary sewers in Sewer Dist. P-8, Storm Water Contr. 99. M. J. Ruark, 311 Courtland St., sewerage engr.

O., Euclid — Nov. 1, by Village, main sewer in Upson Rd. F. A. Thomas, Town Hall, engr.

Wis., Milwaukee—Nov. 8, by W. J. Barbeau, clk., Lake Twp., Milwaukee Co., approximately 400 lateral sewer connections in 17 streets. To exceed $25,000. H. C. Webster, 316 West Water St., Milwaukee, engr.

Wis., Milwaukee—Nov. 3, by Dept. Pub. Wks., R. E. Stoelting, comr., 8- to 30-in. sewers in 10 streets. To exceed $25,000.

Wis., West Allis — Nov. 1, by Bd. Pub. Wks., J. Ferebee, supt., sewers and water service connection in 15 streets. To exceed $25,000. W. Darby, City Hall, engr.

Okla., Seminole—Nov. 5, by E. M. McGruder, city clk., extending 11,500 ft. 8 in. sewer in Highland, Tinnoles, Bway., Jefferson and Douglas Sts. $29,200. Long & Co., Colcord Bldg., Oklahoma City, engrs. Noted Sept. 2.

Bids Received

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, from Bateman & Ficken, 411 85th St., sewers in East 91st St., $1,157; from S. Guerriero, 1024 66th St., in East 4th St. $5,251, and in 72nd St. $3,912; from V. D'Aprile, 17222 70th St., Ten Eyck St., $5,198, Ocean Parkway $2,708 and 89th St. $276. Noted Oct. 14.

N. Y., Long Island City — M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Oct. 22, sewer in 108th St., from Paulson Constr. Co., 9303 Sutphin Blvd., (a) $227,441; and from Muccinni & Decker, Inc., St. Albans, (b) $210,901. Noted Oct. 14.

O., Cleveland—For 1,916 ft. 7½ ft. brick and 3,795 ft. 12- to 15-in. vitr. clay sewers in Fischer Rd., from Joseph Kahill & Jackson Co., Prospect-Fourth Bldg., $95,839.

Calif., Los Angeles — Los Angeles Co. Sanitation Dist. 2, from Campbell & Reichert, Los Angeles, sewers in streets from south boundary line of district to Harding Ave., 12,256 ft. 42 in. rein.-con. pipe at $9.91 per ft., 6,072 ft. gravel bed $1.60, etc., total $162,818.

Calif., San Francisco — Bd. Pub. Wks., Sect. "B" 43rd Ave. Sunset Sewer, from F. J. McHugh, 474 17th Ave., for City and San Francisco Co. $155,695. Noted Oct. 7.

Contracts Awarded

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, sewerage works in Elene St., etc., here, to C. Struzziery, 115 Kittridge St., West Roxbury, $24,817. Engrs. est. $25,000.

Mass., Gloucester—Bd. Sewerage Survey, City Hall, outfall sewer and appurtenances in Gloucester Harbor, to Crandall Eng. Co., 102 Border St., East Boston, $213,583. Noted Oct. 7.

N. Y., Brooklyn—State Hospital Comn., Albany, sanitary work and sewage connection to city sewerage system at Brooklyn State Hospital, here, to S. L. Snyder Co., 260 West 41st St., New York City, $18,300. Noted Sept. 16.

N. Y., Buffalo—Commissioner Pub. Wks., Municipal Bldg., Scajaquada Creek Drain from Genessee St., to Sprenger Ave., to Buffalo Dredging Co., Bailey Ave. and Delaware, Lackawanna & Western R.R. tracks, $235,000. Noted Sept. 16.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., sewers in Avenue C, etc. to Necaro Co., Inc., 105 Court St., Brooklyn, $496,170. Noted Oct. 21.

N. Y., Rochester—Comrs. North St. Paul Boulevard Sewer Dist., 213 Powers Bldg., sewage treatment plant, etc. to Scott Bros., 31 Exchange Pl., $74,973. Noted Sept. 30.

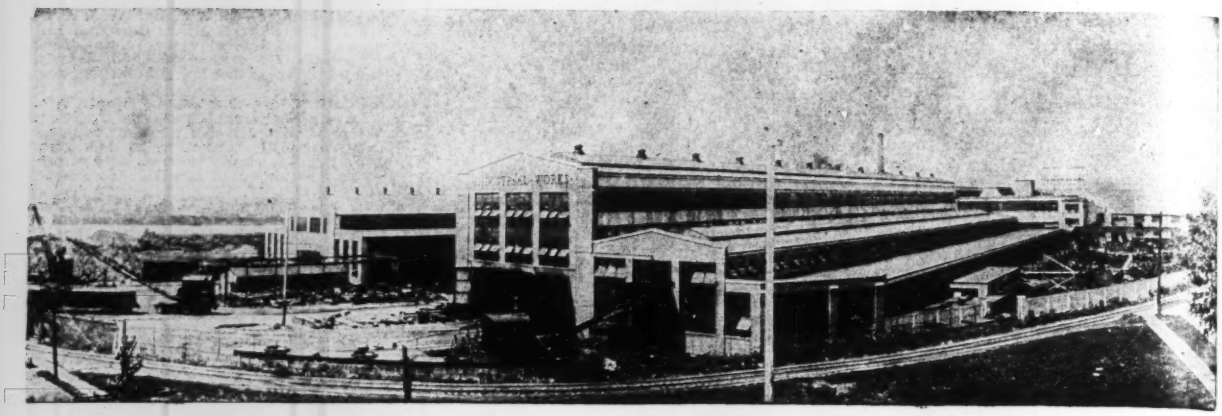
N. Y., Yonkers—Dept. Pub. Wks., City Hall, sewers in various streets, to A. Ciastuilli, 923 Nepperhan Ave., $291,808.

Pa., Phila.—Bd. Pub. Wks., Bureau of Engineering, branch sewers in Aramingo Ave., to A. Mattia, 310 North 65th St. $3,855, Erdick St., to V. S. Campellone, 3856 North 10th St. $2,925, Foust St., to Sabatina & Vallone, 1720 South Chadwick St. $1,495, Scattergood St., to F. T. Buckins, 4050 Kensington St. $2,698, and Vaux St., to A. Perna & Son, 152 South 10th St. $10,506; also main sewers in Greenwood St., to P. and A. J. Ellis, 4th and Wyoming Sts. $144,669, Magee and Whitaker Sts., to A. J. and L. Mark, 139 South 50th St. $40,855 and $115,444 respectively; also 8,000 ft. test borings through soil and draft and 200 ft. in water through soil and draft, to J. E. Robinson, 5211 Catharine St., $3,700. Grand total $326,146. Noted Oct. 7.

Md., Baltimore — Bd. Awards, storm drains and sanitary sewers in miscellaneous districts, Storm Water Contr. 96, to F. Angelozzi, 238 Albemarle St., $73,104. Noted Oct. 21.

Ala., Birmingham — Brick and concrete sewers in 15 blocks Beverly Dist., West End, to J. J. Goddard, 436 Powell St., $30,332. Engrs. est. $35,000. Noted July 8.

Constr. News page 275



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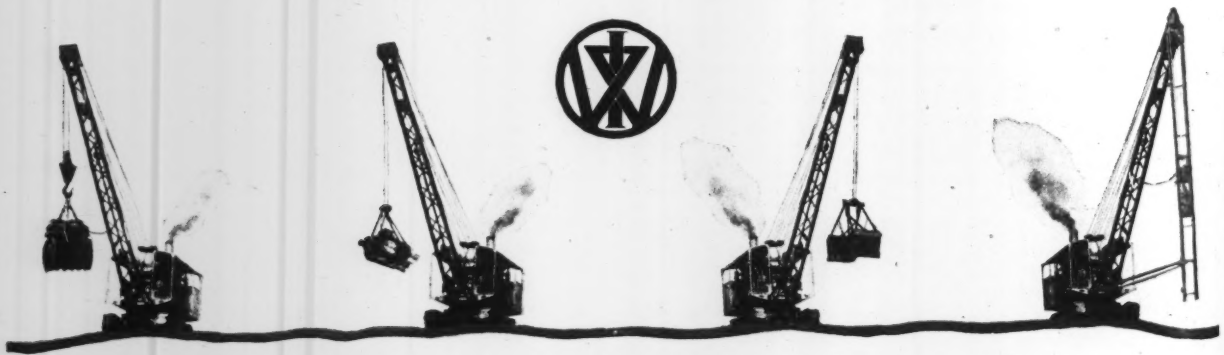

Sewers (Continued)

Miss., McComb—Sewage disposal plant, incl. Imhoff tank, sewerage lifts, doser chamber, sprinkling filters, etc., to Sullivan, Long & Haggerty, Bessemer, $56,600.

Mich., Detroit—Dept. Pub. Wks., Lateral Sewer 4670, to A. Rossi, 5307 Pennsylvania Ave., $8,000, Lateral 4684 and 4694, to Liberty Constr. Co., 1026 Detroit Savings Bank Bldg., $33,233, Lateral 4685 and 4691, to A. Arcari, 13535 Woodward Ave., $28,-150, Lateral 4686, to Michigan Constr. Co., 2237 St. Joseph Ave., $16,110, Lateral 4690, to J. Rossi, 4148 Seneca Ave., $35,900; Lateral 4696, to Detroit Drainage Constr. Co., Meyers Rd., $6,400, and Lateral 4697, to F. Di Vito, 4174 Russell St., $1,735. Grand total $129,528.

Ill., Broadview (mail Bellwood)—See "Waterworks."

Ill., Elmhurst—See "Streets and Roads."

Ill., Lebanon—For 37,889 ft. 8- to 15-in. vitr. clay pipe sewers, 1,200 ft. 6 in. raised house connections, 108 manholes, etc. in various streets, to Moore Bros. Constr. Co., 925 North 8th St., East St. Louis, $55,148. Noted Sept. 23.

Wis., Cudahy—C. H. Wolbert, city clk., 8- to 30-in. vitr. sewers and laterals in Somers, Carpenter, Munkwitz and Swift Aves., to N. Tomaro, 909 Layton Ave., $24,-500. Noted Oct. 21.

Wis., Milwaukee—J. H. Fowles, secy. Metropolitan Sewerage Comr., 508 Market St., deodorizing equipment for sewage disposal plant, to D. J. Murray Mfg. Co., Wausau, $82,147.

Minn., Waverly—For 8 and 10 in. vitr. clay sewers in various streets, to C. Savanell, Sioux City, Ia.; and disposal plant, to Bruce-Bichelhaupt & Co., 241 Insurance Exch. Bldg., Des Moines, Ia. Engrs. est. $25,000. Noted Sept. 2.

Neb., Chappell—For 25,300 ft. 8- to 12-in. vitr. clay sewers in various streets, to A. C. Smith, Scottsbluff, $32,377; Imhoff tank, sludge and filter beds, to Weighton Constr. Co., Sioux City, Ia., $15,000. Engrs. est. $48,304. Noted Oct. 7.

Mo., Cameron—M. Wiley, city clk., extending sewage disposal works, incl. 3,024 ft. 4 in. vitr. clay pipe, etc., to Carrothers & Nelson, Kansas City, $17,100. Engrs. est. $25,000. Noted Sept. 30.

Calif., Dos Palos—Dos Palos Sanitary Dist. laying vitr. pipe sewer system, to Frederickson & Watson, 354 Hobart St., Oakland, $27,198.

Calif., Los Angeles — Los Angeles Co. Sanitation Dist. 5, to C. and G. K. Thompson Brockman Bldg., main trunk sewer between Amestoy Ave. and Broadway extended easterly, 5,215 ft. 42 in. rein.-con. sewer at $7 per ft. and 1,324 ft. 39 in. $6.58, also 2,588 ft. 36 in. pipe sewer $6, etc., total $65,305.

Calif., Lincoln—To H. Gould, 1022 27th St., Sacramento, extending sewerage system, 14,600 ft. vitr. pipe at $0.63 per ft., 2,960 ft. 8 in. $0.73, 6,240 ft. 10 in. $0.91, and 2,280 ft. 12 in. $1.07, also 48 ft. 6 in. c.i. pipe $1.20, and 36 ft. 8 in. $1.40.

Calif., Oakland — To T. F. Geary, 567 Valle Vista Ave., improving Hillmont, Parker Aves., etc., 12,986 ft. 8 in. vitr. sewer at $1.65 per ft., 40 manholes $85 each, etc.

Calif., Yuba City—Concrete pressure line and vitr. sewerage system, to W. J. Tobin, 52- Santa Ray Ave., Oakland, $76,054. Noted Oct. 21.

Waste Disposal

Contracts Awarded

Calif., Los Angeles—Refuse incinerator, 400 ton per 12 hr., East 26th St., Vernon Dist., to Nye Odorless Crematory Co., Wright-Callendar Bldg., $370,000 with services of Supt. for 2 months at $20 per day.

Bridges

Proposed Work

Pa., Harrisburg—Election Nov. 2, $287,-000 bonds, constructing Paxton Street Bridge.

Pa., Johnstown—Election Nov. 2, $300,-000 bonds, constructing bridges. J. W. Cramer, city clk.

Ohio—Syndicate c/o S. Beckwith and associates, Hickox Bldg., Cleveland, making plans 2½ mi. concrete and steel bridge 24 ft. roadway across Sandusky between Gypsum and Baybridge. $3,000,000. Harrington, Howard & Ash, 1012 Baltimore St., Kansas City, Mo., engrs.

O., Lorain—Lorain Co., Elyria making preliminary plans 1 mi. steel and concrete bridge, 38 ft. roadway over Black River, here. $2,250 000. W. P. Brown Co., Finance Bldg., Cleveland, engrs.

Mo., Tarkio—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Tex., La Grange — See "Streets and Roads."

Tex., Wharton—See "Streets and Roads."

Bids Desired

New Jersey — Nov. 15, by State Hy. Comn., Trenton, reconstructing timber trestle portions of State Highway Bridge crossing Barnegat Bay, between Island Heights and Seaside Heights, Ocean Co. A. L. Grover, secy.; adv. E. N.-R. Oct. 28.

Pa., Phila. — Nov. 4, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., superstructure 2 track signal bridge, Contr. 58. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Fla., Bartow—Nov. 2, at office of Bd. Comrs. Polk Co., Courthouse, ten 22 ft. span rein.-con. trestle bridge over Peace Creek at eastern city limits. E. A. Plath, Ernada Bldg., engr.

Miss., Meridian—See "Streets and Roads."

Louisiana—Nov. 18, by State Hy. Comn., Baton Rouge, bridges over Little River and Cocherhan Creek, on Tullos-Rochelle Highway, Federal Aid Project 179-A, LaSalle and Grant Parishes. W. B. Robert, Reymond Bldg., Baton Rouge, state engr.

Louisiana—Nov. 18, by State Hy. Comn., Baton Rouge, eight 31 ft. span rein.-con. deck girder bridge over Roundaway Bayou, on Tallulah-St. Joseph Highway, 2 mi. south of Tallulah, Federal Aid Project 181-A, Madison Parish. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

O., Dayton—Nov. 8, by Comrs. Montgomery Co., Court House, Bridge 173, one 350 ft. steel span, over Miami River, Wayne Twp. $85,000. W. O. Pease, Court House, co. engr.

Missouri — Nov. 4, by State Hy. Dept., Jefferson City, constructing one 8 ft., six 10 ft., three 12 ft., one 16 ft. and two 24 ft. rein.-con. slab, four 30 ft., ten 35 ft., fifteen 40 ft., four 45 ft. and seven 50 ft. rein.-con. deck girder, and five 100 ft. arch span bridges, etc.; also bituminous concrete paving 1 and concrete paving 6 bridges in 12 counties. B. H. Piepmeier, ch. engr.

Tex., Alice—See "Streets and Roads."

Tex., Austin—See "Streets and Roads."

Okla., Granite — Nov. 3, by State Hy. Dept., Oklahoma City, 4 span, 440 ft. steel truss bridge on concrete piers, here, Green Co., 167.4 tons truss steel, 38.61 tons reinforcing, 3,740 lin.ft. wooden piling, etc. J. M. Page, highway engr.

Ontario — Oct. 30, by R. H. McGregor, Reeve, East York Twp. Offices, Sammon Ave., East York, for East York Leaside-Bridge 10 span, 1,300 ft. steel, 130 ft. high over Don Valley in East York Twp. $1,-000,000. F. Barber, 45 Jarvis St., Toronto, engr. Noted June 10.

Bids Received

North Carolina — State Hy. Dept., Raleigh, Oct. 19, rein.-con. bridges, etc., on Project 194, Tyrell Co., from Sanford & Brooks, West Shore Terminal, Charlestown, S. C., $87,776; on Project 109, Bertie Co., from Sanford & Brooks, Spartanburg, S. C., $41,623; on Project 9000, Buncombe Co., from Roberts Supply Co., Lima, O., $79,-547; on Project 683, Stanly Co., from Standish Eng. Corp., 400 North Michigan Ave., Chicago, Ill., $264,582; on Project 678, Scotland Co., from J. L. Brinkley, Thomasville, $29,101; on Project 584, Randolph Co., from State Hy. Comn., Raleigh, $31,726; on Project 4000, Chatham Co., from E. A. Wood & Co., Andrews, $64,-420; and on Project 772, Watauga Co., from J. S. Bowers, Whiteville, $250,038. Noted Sept. 30.

O., Dayton — Comrs. Montgomery Co., Oct. 18, repairing 5 span rein.-con. arch bridge under side of arches and faces of piers by gunite application, from Wertz Co., Union Trust Bldg., Cleveland, $33,000. Noted Sept. 23.

Colorado—See "Streets and Roads."

Calif., Los Angeles — Bd. Supervs. Los Angeles Co., seven 60 ft. span Howe truss bridge, over San Gabriel River, on Beverly Blvd., from E. G. Perham, 471 Willowbrook Ave., and S. Smith, 2025 Bay St., each $22,400. Noted Oct. 7.

Contracts Awarded

Mass., Sandwich — Dept. Pub. Wks., Boston, reconstructing concrete beam bridge and approaches, here, to Powers Bros., North Montello St., Brockton, $49,648.

N. J., Elizabeth—Bd. Freeholders Union Co., Courthouse, rein.-con. and steel bridges over the Rahway River at Florence Mill Pond, Clark Twp., to A. E. Smith, 220 Park Ave., Plainfield, $29,996; at Edison Terrace Union Twp. and Mountain Ave. Westfield to Delta Contg. Co., 430 Mgle Ave., Elizabeth, $3,980 and $1,581 respectively; Pleasant Pkwy. and at Ostwood Terrace, both Union Twp. to Lentz & Marson $3,480 and $3,415 respectively, Lawrence Ave. Westfield and Faitoute Ave., Kenilworth $2,800 and $2,000 respectively. Grand total $47,222. Noted Sept. 30.

N. J., New Brunswick—Middlesex Co., County Record Bldg., reconstructing Landing Bridge between New Brunswick and Piscataway Twp., to Utility Constr. Co., 5 Spring St., $26,875. Noted Sept. 23.

Del., Wilmington — State Hy. Dept., Dover, substructure Market St. Bridge over Christiana Creek, here, to Dravo Contg. Co., 302 Pennsylvania Ave., Pittsburgh, Pa., $229,440.

Md., Baltimore—State Roads Comn., 601 Garrett Bldg., steel and concrete bridge over Baker St., Contr. BC-59, to T. D. Claiborne Co., Garrett Bldg., $82,185. Noted Oct. 21.

Fla., Jacksonville—Duval Co., single leaf draw span bridge, to Amer. Bascule Bridge Co., Jacksonville, $50,252.

Miss., Grenada — Grenada Co., bridges over 20 ft. span on Grenada-Calhoun Rd., Federal Aid Project 147-B, incl. 252,838 ft. treated timber, 10,632 ft. creosoted piling, etc., to Newsom Bros., Columbia. $35,636. Noted Sept. 30.

Miss., Pascagoula—Bd. Supervs. Jackson Co., 650 ft. concrete and steel bridge across Dog River at Moss Point and 924 ft. steel and concrete bridge over Pascagoula River, here, to A. M. Blodgett, Inv., Biloxi, $199,-303. Noted Sept. 23.

Indiana—J. D. Williams, dir. State Hy. Comn., Indianapolis, bridge over Eel River, on State Rd. 1, 5 mi. north of Peru, Miami Co., to Elkhart Bridge & Iron Co., Elkhart, $32,447 engrs. est. $34,389; and bridge over New Gresham Creek, on State Rd. 20, near New Harmony, Posey Co., to R. E. Wilson, Mt. Vernon, $11,609, engrs. est. $12.313. Noted Sept. 16.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, three 50 ft. span concrete girder bridge with paved approaches on Route 21, Sect. G-B, Cook Co., to Joliet Bridge & Constr. Co., Joliet, $55,991, fourteen span railroad overhead bridge, two 96½ ft. span through plate girder bridge, with retaining wall, earth fill, etc., 939,300 lb. reinforcing, 838,680 lb. structural steel, etc., on Route 1, Sect. K-V, Cook Co., to Midcontinent Constr. Co., 6 North Michigan Ave., Chicago, $231,428.

Ia., Iowa City—G. J. Dohrer, city clk., 7 span 182 ft. concrete viaduct over Chicago, Rock Island & Pacific R.R. tracks at College St., to A. A. Alexander, 2901 5th Ave., Des Moines, $36,943. Noted Apr. 8.

Kan., Eureka—See "Streets and Roads."

Mo., Louisiana — Missouri-Illinois Bridge Co., c/o W. R. Compton Co., 704 Locust St., St. Louis, constructing Mississippi River Bridge, from 314 ft. and one 420 ft. spans, 600 ft. viaduct, etc., here, substructure, to Missouri Valley Bridge & Iron Co., Leavenworth, Kan., $223,000; superstructure, to Wisconsin Bridge & Iron Co., 1302 Commerce Bldg., Kansas City, $350,-000; and grading, paving, etc., to E. C. Johnson, Carrollton $32,000. Grand total $605,000. Engrs. est. $815.000. Noted Sept. 23.

Tex., Abilene—See "Streets and Roads."

Oklahoma — State Hy. Dept., Oklahoma City, **(e. e. means engineers estimate)**, 2 span 102 ft. I-beam rein.-con. trestle bridge near Big Cabin, Craig Co., 21.26 tons I-beam, 8.15 tons reinforcing, 174 ft. concrete piling, etc., to Gains, Yoekum & Mackey, 519 West Main St., Oklahoma City, $25,959, e. e. $29,000; 2 span 220 ft. steel truss bridge on concrete piers at Yukon, Canadian Co., 24.75 tons truss steel, 11½ tons reinforcing, 222 ft. hand rail, 3,540 ft. wooden piling, etc., to Woodward Constr. Co., Woodward, $24,463, e. e. $27,-500; 12 span 310 ft. rein.-con. trestle bridge at Grove, Delaware Co., 104 tons reinforcing, 1,200 ft. hand rail, etc., to Flynn & Alderman, 1614 West 39th St., Oklahoma City, $62,934, e. e. $70,000; 3 span 360 ft. steel truss bridge on concrete piers at Wynwood, Garvin Co., 164.95 tons truss steel, 30.13 tons reinforcing, 410 ft. hand rail, 2,225 ft. concrete piling, etc., to C. G. Landon, 809 West Grand St., Oklahoma City, $52,318, e. e. $63,000; 3 span 420 ft. steel truss bridge on concrete piers at Ravia, Johnston Co., 191 tons truss steel, 21.63 tons reinforcing, 1,560 ft. wooden piling, etc., to Vincennes Bridge Co., Vincennes, Ind., $47,244; 3 span 60 ft. rein.-co. trestle bridge near Lucien, Noble Co., 53 tons I-beam steel, 17.53 tons reinforcing, 1,590 cu.yd. excav., 158 ft. hand rail, etc.,

Constr. News page 276

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Bridges (Continued)

to E. S. Alderman, 1614 West 39th St., Oklahoma City, $22,834, e. e. $25,000; 2 span 128 ft. steel truss bridge at Stillwater, Payne Co., 69 tons truss steel, 13.6 tons reinforcing, 1,752 ft. wooden piling, etc., to Pioneer Constr. Co., New York Life Bldg., Kansas City, Mo., $21,152, e. e. $25,000; 3 span 102 ft. rein.-con. trestle bridge at Yale, Payne Co., 26 tons I-beam, 7,540 cu. yd. excav., 206 ft. hand rail, 1,020 ft. concrete piling, etc., to T. Collins, Cushing, $13,807, e. e. $20,000; 3 span 136 ft. steel truss bridge on concrete piers at Stuart, Pittsburg Co., 126.66 tons truss steel, 30.44 tons reinforcing, 540 ft. concrete piling, etc., and 2 span 96 ft. rein.-con. trestle bridge at Vain, Sequoyah Co., 43.5 tons I-beam steel, 8.75 tons reinforcing, etc., to Altman-Rogers Co., McAlester, $41,830 and $12,163 respectively, e. e. $45,000 and $20,000 respectively; 2 span 146 ft. steel truss bridge on concrete piers at Barnsdale, Osage Co., 66.8 tons truss steel, 17.2 tons reinforcing, 1,570 cu.yd. excav., 116 ft. concrete piling, etc., and 3 span 168 ft. steel truss bridge at Cow City, Osage Co., 60.6 tons truss steel, 29.2 tons reinforcing, 477 ft. hand rail, 1,065 cu.yd. excav., 540 ft. concrete piling, etc., to Osage Constr. Co., Fairfax, $22,323 and $23,681 respectively, e. e. $25,000 and $27,000 respectively; 2 span 220 ft. steel truss bridge at Pauls Valley ,Garvin Co., 120.5 tons truss steel, 22.56 tons reinforcing, 136 ft. hand rail, 1,400 ft. wooden piling, etc., and 2 span 226 ft. steel truss bridge at Spiro, Le Flore Co., 31.8 tons truss steel, 16.72 tons reinforcing, 2,846 ft. concrete piling, etc., to Southwestern Constr. Co., Ardmore, $37,868 and $16,204 respectively, e. e. $42,500 and $21,000 respectively. Grand total $424,780. Noted Sept. 23.

Oregon — State Hy. Dept., Salem, constructing bridge over Pistol River in Curry Co., to C. J. Montag, 70 6th St., Portland. $57,915.

California—State Hy. Comn., Sacramento, one 18 ft. span and six 18 ft. span rein.-con. slab bridges across La Placerita Creek, Los Angeles Co., to I. P. Lipp, 8120 Waring St., Los Angeles, $13,935. Engr. est. $15,260. Noted Sept. 23.

Calif., Modesto—Stanislaus Co., 15 rein.-con. bridges in various sections, to G. J. Ulrich, Modesto, $31,962.

Dams

Proposed Work

Mexico — Mexican Light & Power Co., Mexico City, plans concrete dam impounding 500,000,000 cu. meters, irrigating 600,000 hectares agricultural land and furnishing power for proposed hydro-electric plant, in River Lerma, near Centepec, State of Michoacan. 18,000,000 pesos. Private plans.

Bids Desired

N. C., High Point—See "Waterworks."

Railways

Proposed Work

Texas—Missouri Pacific Ry. Co., E. A. Hadley, ch. engr., Railway Exch. Bldg., St. Louis, Mo., making surveys, etc., engine tracks, large storage yards, repair shops, etc., at Harlingen, here. $500,000. Private plans.

Contracts Awarded

Mississippi—Jackson & Eastern R.R. Co., S. A. Neville, pres. and genl. mgr., grading, filling and trestle work on 21 mi. railroad from Jackson to Lena, to S. K. Jones Constr. Co., Cotton Exch. Bldg., Memphis, Tenn. Engrs. est. $200,000.

Illinois—St. Louis Connecting R.R. Co., subsidiary of Pennsylvania R.R. Co., A. C. Shand, ch. engr., Broad St. Sta., Pa., 10.5 mi. new double "Class A" track, 130 lb. rail, from Collinsville to St. Jacob, to Walsh Constr. Co., Davenport, Ia. Engrs. est. $615,000. Noted May 20.

California—Los Angeles Co. Flood Control Dist., Los Angeles, constructing 10 mi. roadbed for San Gabriel Canyon R.R., in Los Angeles, to Nevada Contg. Co., Fallon, Nev., $276,425. Noted Oct. 7.

British Columbia—Canadian Pacific Ry., Windsor Sta., Montreal, J. M. R. Fairbairn, ch. engr., will build new tracks and yards at Kimberly by day labor, $50,000 and coaling plant, turntables, and asphalt, to A. Simmonds, Winnipeg, Man., $50,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Miss., Bay St. Louis — Harrison Co. (Gulfport), takes bids about Dec. 6, approximately 11 mi. rein.-con. seawall, here. $1,250,000. J. W. Billingley, Interstate Bldg., New Orleans, La., engr. Noted Sept. 2.

Illinois—See "Contracts Awarded"

Mo., Tarkio—Tarkio D. D. soon takes bids approximately 5 mi. earth work for levee and approximately 800 ft. levee and bank protection, also raising two 100 ft. highway bridges. $32,000. Leslie Eng. Co., 820½ Felix St., St. Joseph, engrs.

Ark., Pine Bluff—Cousart Bayou Drainage Dist., A. F. Triplett, atty., rejected bids Sept. 28, 17,435 cu.yd. Lateral 5, 7,537 cu. yd. McBride Lateral, 10,850 cu.yd. main canal, Station 381-450, and 10,557 cu.yd. Station 0-15. Will readvertise.

Tex., Pharr—Hidalgo Co. Water Impvt. Dist. 2, voted $1,500,000 bonds, drainage work, incl. irrigating 65,000 acres, widening and deepening main drains and outlet to La Sa Vieja, etc. Address Engineer, Hidalgo Co., Pharr, engr.

Calif., Corcoran — Tulare Lake Basin Water Dist., plans election $4,000,000 bonds, irrigating and reclaiming approximately 170,000 acres. A. D. Schindler, Balfour Bldg., San Francisco, engr. Noted Oct. 9.

Calif., Oakdale — Oakdale Irrigation Dist. making plans enlarging main canals, replacing iron piping, etc. $25,000. R. E. Hartley, ch. engr. dist.

Calif., Santa Ana — Orange Co. plans election to vote bonds, dredging, etc., Newport Harbor.

Bids Desired

Miss., Gulfport—Nov. 15, by Road Protection Comn. of Harrison Co., at Court House, system of road protection, incl. concrete wall, sidewalks, 473,874 cu.yd. dredged earth fill, etc. H. D. Shaw, Gulfport, ch. engr., A. M. Shaw, 1402 Pere Marquette Bldg., New Orleans, La., consult. engr.; adv. E. N.-R. Oct. 28. Noted Mar. 18 under "Unclassified."

Bids Received

Mass., East Boston (Boston P. O.)—Commonwealth of Massachusetts, Dept. Pub. Wks., Boston, dredging Anchorage Basin, here, from E. Breymann, 172 Condor St., $0.29½ per cu.yd.

Contracts Awarded

N. Y., New Rochelle — Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, beach wall, steps and shelter foundations at Glen Island Park, here, to Gray Eng. & Constr. Co., Smith Bldg., Greenwich, Conn., $29,885.

La., Alexandria—Red River, Atchafalaya and Bayou Boeuf D. D., 125,000 cu.yd. levee work on right bank Bayou des Glaises from Brown to Garnier, Avoyelles Parish, to Dameron & Kenyon, Port Allen, at $0.1225 per cu.yd. Noted Sept. 23.

O., Columbus—E. L. McCune, clk. Bd. Educ., excavating for 3 story and basement, 200 x 250 ft. school, Olive and Powell Sts., to E. Elford & Son, 555 Park St., $57,750. Noted Sept. 23 under "Unclassified."

O., Lakewood (br. Cleveland)—Rubble stone bulkhead at Lakewood Park, to L. A. Wells Co., 2878 Coventry Rd., Cleveland Heights, $23,750.

Illinois—Union D. D., Montgomery Co. (Harvel) and Christian Co. (King), excavating 13,176 cu.yd. main ditch and laterals, to P. Zimmerman, Juda, Wis., $2,223; and viti. drain tile, to Stoneware Pipe Co., East Altoona, Pa., $397. Rejected bids for trenching and laying drain tile. Noted Sept. 23.

Iowa — Humboldt Co. (Dakatoh) and Kossuth Co. (Algona), Humboldt-Kossuth Joint D. D. 8, 21,300 ft. open ditch, incl. 162,839 cu.yd. excav., also 15 cu.yd. concrete bulkhead, to E. L. Hatten, Britt, at $0.094 and $25 per cu.yd. respectively; 24,417 ft. 6- to 22-in. drain tile, 32 intakes, etc., to Humboldt Gravel & Tile Co., Humboldt, $13,970. Noted Sept. 30.

Ark., Bridge Junction—St. Francis Levee Dist., 70,000 cu.yd. sub levee earthwork, to T. W. Roach, Memphis, Tenn., at $0.24 per cu.yd., and concrete work, to J. W. Hendrix, Portageville, Mo., $23 per cu.yd. Noted Sept. 30.

Calif., Long Beach—Los Angeles Co., dredging 789,200 cu.yd. in Cerritos Channel fronting Ford Motor Car Co.'s plant site, to Franks Contg. Co., 260 California St. San Francisco, $0.1674 per yd. Noted Sept. 16.

Calif., Long Beach — Dredging 789,200 cu.yd. in Long Beach Harbor, to Franks Contg. Co., 260 California St., San Francisco, $0.1674 per cu.yd.

Calif. Merced—H. P. Sargent, secy. Mercer Irrigation Dist., Merced Co., grading and excavating for canals (a) earth excav. (b) hardpan excav. (c) overhaul, to T. Gurr, Merced, Schedule 4, (a) $0.13 and Schedule 6, 500 cu.yd. excav. $0.13; to J. A. Gamble, Merced, Schedule 6, (a) $0.13 (c) $0.08, and Schedule 7 (a) $0.13 (c) $0.07; to D. S. Towler, Livingston, Schedule 8 (a) $0.15 (b) $0.75 (c) $0.05, Schedule 9 (a) $0.14 (b) $0.75 (c) $0.05, and Schedule 10 (a) $0.20 (b) $0.85 (c) $0.05. Noted Sept. 30.

Calif., Oxnard—Oxnard D. D. 2, Los Angeles Co., 6½ mi. ditch, 6 to 15 ft. wide on bottom, approximately 170,000 cu.yd. excav., to E. T. Fisher, 142 C St., Sacramento, $0.097 per cu.yd. Noted Sept. 30.

Streets and Roads

Proposed Work

Mass., Boston — Plans granite block paving Charter St., etc. $25,000. J. H. Sullivan, comr. Dept. Pub. Wks.

Conn., Wallingford—Plans paving South Main St. $28,000 appropriated. Borough Eng. Co., Wallingford, engrs.

New Jersey—Somerset Co. (Somerville), plans concrete paving 2 mi. Easton Ave. between New Brunswick and Bound Brook. O. Smith, Jr., Peapack, engr. Noted Feb. 25.

N. J., Keansburg—Boro plans concrete paving ½ mi. Main St., 33 ft. $130,000. Engineer not selected.

N. J., New Brunswick — Middlesex Co. plans paving ½ mi. Raritan St., in East Bound Brook. W. F. Buchanan, 175 Smith St., Perth Amboy, engr.

N. J., Roselle (Ind. br. Elizabeth)—Boro Council plans paving Sterling Pl. and 8th Ave. $46,000. Engineer not selected.

N. J., Sea Girt — Boro plans improving various streets. $25,000. C .A. Pond, Jr., boro clk.

Pa., Harrisburg—Election Nov. 2, $200,000 bonds, paving highway. R. R. Seaman, city clk.

Pa., Pittsburgh—Soon takes bids grading, curbing and paving Liedertafel St. $27,600. City Bureau of Eng., Dept. Pub. Wks., engrs.

Pa., Pittsburgh—Soon takes bids grading, curbing and paving Sickles St. between Allison St. and city line. $38,000. City Bureau of Streets & Highways, Dept. Pub. Wks., engrs.

Pa., Williamsport—Election Nov. 2, $31,000 bonds, opening, grading and paving various streets. B. C. Houck, city clk.

N. C., Bladenboro — Soon takes bids grading, curbing, guttering and paving various streets. $30,000 . J. B. McCrary Eng. Corp., Citizens & Savings Bank Bldg., Atlanta, Ga., engrs.

N. C., Goldsboro—Plans to sell $170,000 bonds Nov. 15, sidewalks, sewers, waterworks, and paving various streets.

La., Amite—Voted $30,000 bonds grading, curbing and paving various streets. E. Freiler, City Hall, engr.

La., Monroe—Making preliminary plans grading, curbing and paving 41 blocks 5th, 6th, Forsythe, Gordon, Forests Sts., etc.

O., Lisbon—Columbiana Co. takes bids in spring widening and resurfacing 6 mi. Salem-Lisbon Rd., 20 ft. $26,000-$30,000. L. C. Kirk, Lisbon, engr.

O., Medina — Medina Co. takes bids in spring, improving 4.6 mi. Lodi and Wadsworth Rds., $160,000; widening and repairing 6.27 mi. R. 553 and Homes Rd., $165,000; hard surfacing 2.6 mi. Hinckley Rd., 16 ft., $100,000; also widening New Weymouth Rd., $90,000.

O., Salem — Bd. Control takes bids in spring resurfacing Bway., $30,000; and brick on concrete paving Etna St., $25,000-$27,000. B. M. French, Salem, engr.

Michigan—State Hy. Dept., at Parma, rejected bids Sept. 13, concrete paving 1.289 mi. T. L. 17-29, and F. A. 89-F, 20 and 28 ft., Jackson Co. C. Vinton, Jackson, resident engr. Noted Sept. 23.

Michigan—W. W. Lavers, resident engr., Plymouth, rejected bids Sept. 21, concrete paving 5.172 mi. F. A. 212, Sect. B, 20 ft., Macomb Co., for State Hy. Dept., Lansing. Noted Sept. 9.

Mich., Detroit — Making plans, berea curbing, and 3½ in. sheet asphalt on 8 in. paving 47,870 sq.yd. 15 streets. $193,270. P. A. Fellows, city engr.

Constr. News page 277

Streets and Roads (Continued)

Ill., Grays Lake—Made plans concrete paving 26,000 sq.yd. various streets. $114,000. Marr, Green & Co., 400 North Michigan Ave., Chicago, engrs. Noted Oct. 14.

Ill., Marengo—Bd. Local Impvts. rejected bids Oct. 19, grading, curbing and concrete paving 4,400 sq.yd. and Kentucky rock asphalt paving 4,700 sq.yd. various streets. Will readvertise. A. L. Webster, Wheaton, engr. Noted Sept. 14.

Ill., Morris — Takes bids in January, grading, curbing, and 7 in. rein.-con. paving 50,000 sq.yd. various streets. P. J. Keller, City Hall, engr.

Ia., Monticello—Plans paving 16 blocks various streets. $50,000. H. R. Green Co., 417 1st Ave., Cedar Rapids, engr.

Ia., Tipton—Cedar Co. election Nov. 2, $1,129,000 bonds, paving 35 mi., and graveling 137.5 mi. various roads. R. O. Zimmerling, Tipton, co. engr. This corrects report in Oct. 7 issue.

Kan., Alma—Wabaunsee Co. made plans grading, etc. 4.526 mi. Federal Aid Project 292-F, 28 ft. Kansas Eng. Co., 601 Kansas Ave., Topeka, engrs.

Kan., Eureka—See "Contracts Awarded."

Kan., Marion—Marion Co., plans grading, etc. 6.516 mi. Federal Aid Project 357, Sect. A, 28 ft. C. M. Hartsock, Marion co. engr.

Kan., Olathe—Johnson Co. plans grading concrete or brick paving 6.489 mi. Federal Aid Project 315, Sect. C., 18 ft. E. J. Terrill, Olathe, co. engr.

Mo., Kansas City—See "Unclassified."

Mo., St. Louis — Made preliminary plans grading and concrete paving, etc. Goodfellow St. between Natural Bridge and MacLaren Sts. $170,200. W. W. Horner City Hall, engr.

Ark., Fayetteville—Soon takes bids grading, curbing and hard surfacing Paving Dist. 33, Rock, Mill and Huntsville Rds. $36,000. E. M. Ratliffe, Stone Bldg., engr.

Tex., Beaumont—Voted $325,000 bonds, permanent paving various streets. O. J. Bloyd, city mgr. Noted Oct. 7.

Tex., Brownsville—Voted $300,000 bonds, permanent paving various streets. Address Mayor.

Tex., Bonham—Fannin Co. making plans concrete paving 3½ mi. Highway 5 extending east from here. $110,000. S. E. Neilson, Bonham, co. judge.

Tex., Carthage — Voted $35,000 bonds, permanent paving Public Sq. and 4 main streets. L. Daniels, mayor.

Tex., Dublin—Voted $38,000 bonds paving various streets. E. C. Fewell, mayor.

Tex., Hebbronville—Jim Hogg Co. making plans rock asphalt paving 4.7 mi. Highway 12-A, Federal Aid Project 424-H, Unit 2, $30,000, also 5.488 mi. same road Federal Aid Project 436, Unit 2, $37,250, both 16 ft. E. J. Foster, Hebbronville, co. engr.

Tex., Houston—Voted $1,500,000 bonds, paving roadways to Turning Basin. J. C. McVea, city engr. Noted Sept. 30.

Tex., La Feria — Election soon $35,000 bonds, permanent paving various streets. J. A. Raemond, city secy.

Tex., La Grange — Fayette Co. plans grading, bridging and gravel surfacing 6 mi. Highway 44, from road Dist. 2 and 8 to Lee Co. line, $119,000; also 7½ mi. same road from road Dist. 2 and 8 line to here, $120,500. R. E. Schiller, La Grange, engr.

Tex., Laredo — Webb Co. election Nov. 20, $300,000 bonds, constructing Highway 12-A from here to Duval Co. line. Bond issue to be supplemented with state and federal aid. T. E. Huffman, co. engr.

Tex., Rockdale — Election soon $125,000 bonds, paving various streets. Address Mayor.

Tex., San Angelo—Tom Green Co. plans asphalt on macadam paving 16.1 mi. San Angelo Sherwood Big Lake Rd., Highway 99. $327,807. T. J. Kelly, San Angelo, engr.

Tex., San Angelo—Tom Green Co. making plans 3 in. bituminous macadam paving 15.5 mi. Highway 9, from point 8 mi. southeast of here to Concho Co. line, 18 ft., $358,300; also 12 mi. same road from Carlsbad to Coke Co. line, 26 ft., $72,600. T. J. Kelly, San Angelo, co. engr.

Tex., Wharton — Wharton Co. making plans grading, bridging, gravel and rock asphalt surfacing 20 mi. Highway 12 from Jackson Co. line to El Campo $312,000; 6.35 mi. same road from Wharton to Hungerford $215,700, and 14 mi. same road from El Campo to here $475,580; 2.47 mi. Highway 60 from Hungerford north $94,485, and 12.68 mi. same road from point 2.47 mi. north of Hungerford to Austin Co. line $285,000, all foregoing 18 ft. J. M. Nagle, Wharton, resident engr.

Oklahoma — State Hy. Dept., Oklahoma City, made surveys concrete paving 66,250 sq.yd. Highway 4. $120,000. J. M. Page, highway engr.

Constr. News page 278

Okla., Muskogee—Plans grading, curbing and concrete paving 25,300 sq.yd. Okmulgee Ave. $75,000. J. R. March, Muskogee, engr.

Okla., Oklahoma City—Plans grading, curbing and sheet asphalt paving 6,300 sq.yd. Culbertson Ave. $31,000. B. M. Hart, City Hall, engr.

Okla., Thomas — Making plans grading, curbing and concrete paving 9,300 sq.yd. Main St. $28,000. C. Wilson, Weatherford, engr.

California — State Hy. Comn., Sacramento, making plans grading and eliminating curve around Rincon Hill, Santa Barbara Co. $125,000. R. M. Morton, Forum Bldg., Sacramento, engr.

California — State Hy. Comn., Sacramento, plans grading and paving Willows-Oroville Rd., Butte Co. $60,000. E. M. Morton, Forum Bldg., Sacramento, engr.

Calif., Anaheim — Making plans paving approximately 250,000 sq.ft. portions North and South Olive Sts., etc., to exceed $25,000; also widening, etc., North and South Palm Sts., $26,500 or more.

Calif., Fairfield—Solano Co. plans crushed rock or gravel surfacing roadway connecting with Carquinez Straits Bridge. $75,000 or more. F. A. Steigr, Fairfield, co. surv.

Calif., La Mesa—Rejected bids improving Lookout and Date Aves. Noted Oct. 21.

Calif., Long Beach—City Council soon takes bids curbing, guttering and 8 in. concrete paving 100,000 sq.ft. Ocean Blvd.; and 10 in. concrete paving 155,600 sq.ft. Cherry Ave., etc. Noted July 22.

Calif., Los Angeles — Making plans widening 11th St. between Santa Clara St. and Santa Fe Ave. To exceed $350,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Los Angeles Co. plans improving Pomona Blvd., 5,892 lin.ft. curbing, 16 636 sq.ft. guttering, 39,959 sq.ft. sidewalks, 6,354 cu.yd. earth excav., 111,954 sq.ft. 6 in. and 13,945 sq.ft. 8 in. vibrolithic concrete paving and 700 sq.ft. 2 in. oil macadam paving, etc.; also Long Beach Blvd. between Lynwood and point approximately 8 mi. south, 70 ft. wide. G. W. Jones, co. engr.

Calif., San Diego—Common Council plans concrete curbing, sidewalks and asphaltic concrete surfacing 1,495 sq.ft. 1st and Redwood Sts. F. A. Rhodes, city engr.

Calif., South San Francisco—Made plans grading, 3 and 9 in. top soiling 4,500 cu.yd. Civic Center; and grading, etc., 7,800 cu.yd. Orange Ave. G. A. Kneese, Courthouse, Redwood City, engr.

Calif., Upland—Making plans rock and oil paving 130,000 sq.ft. various streets. R. G. Manley, 336 East 9th St., engr.

Calif., Ventura — Making prleiminary plans paving, bridges, etc., in east section of city. $1,500,000. C. W. Pierce, city engr.

Bids Desired

Mass., Medford (br. Boston)—Nov. 3, by Dept. Pub. Wks., Boston, widening 3,000 ft. highway, here. W. F. Williams, comr.

N. Y., Buffalo — Nov. 8, by Dept. Pub. Wks., Municipal Bldg., repaving Peru Pl., Waverly, Eugene, Herman and Marilla Sts. J. J. Love, comr.

N. Y., New York—See "Unclassified."

N. Y., New York—Nov. 4, by J. Miller, pres. Manhattan Boro, Municipal Bldg.; widening and sheet asphalt paving 58th St.; grading and sheet asphalt on concrete repaving Bway.

N. Y., New York—Nov. 5, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, curbing and granite block on concrete paving Canal Pl. from East 138th to East 144th Sts.

N. Y., St. George—Nov. 3, by J. A. Lynch, pres. Richmond Borough, Borough Hall, curbing, guttering, etc. Patten St., and sidewalks, etc. on Vanderbilt Ave.

New Jersey — Nov. 15, by State Hy. Comn., Trenton, grading and rein.-con. paving 37,036 sq.yd. Route 12, Sect. 9, Fairfield to Little Falls, Essex and Passaic Counties. A. L. Grover, secy.; adv. E. N.-R. Oct. 28.

Pa., Carrick (mail Pittsburgh)—Nov. 3, by Comrs. Baldwin Twp. Church Ave. and Glass Run Rd., grading, curbing and paving Waterman and Wenger Aves. $30,000. E. A. Schneider, 2706 Brownsville Rd., Carrick, engr.

Pa., Phila.—Nov. 4, by Dept. Pub. Wks., Bureau of Highways, asphalt paving and repaving, also redressed granite block repaving various streets; improving various country roads; and gray iron castings, etc. G. H. Biles, dir.

Pa., Pittsburgh—Nov. 3, by Dept. Pub. Wks., Allegheny Co., elimination of curves in Evergreen and Little Deer Creek Valley Rds., Contr. 2. C. C. McGovern, controller.

Md., Baltimore—Nov. 3, by Bd. Awards, grading, curbing and sheet asphalt paving 9,740 sq.yd. streets listed in Contr. 375. S. Purcell, City Hall, highways engr.

W. Va., Beckley—Oct. 30, by Raleigh Co. and State Road Comn., Charleston, at Court House, here, grading 21.9 mi. Marsh Fork Rd., Project 3354-A, B and C. J. Smith, Beckley, co. clk. E. B. Carskadon, highway secy. Noted Apr. 8.

W. Va., Charleston—Oct. 29, by H. C. Walker, city mgr., grading and paving 5,000 sq.yd. Hill Crest D., Stump St., etc. H. L. Campbell, city engr.

Fla. Pierson—Nov. 5, by City, curbing, guttering, 3,645 sq.yd. 6 in., 7,979 sq.yd. 9- 6- 9-in. concrete paving various streets. J. B. McCrary Eng. Corp., Citizens & Savings Bank Bldg., Atlanta, Ga., engrs.

Alabama—Nov. 16, by State Hy. Comn., Montgomery, grading, etc., 61,000 cu.yd. road from Mobile Bay Bridge to Bay Minette, S-146, Baldwin Co.; 67,200 cu.yd. road from Elba to Opp, S-129, and 74,864 cu.yd. road between Enterprise and Ozark, S-130 B, both Coffee Co. W. A. McCalla, state highway engr. Noted Sept. 23.

Miss., Louisville — Nov. 18, by Bd. Supervs. Winston Co. at office Chancery Clerk, graveling 14.068 mi. road between Louisville and Philadelphia, Federal Aid Project 74-B. H. C. Dietzer, Jackson, engr.

Miss., Magnolia—Nov. 8, by Pike Co., grading, curbing, and brick or concrete paving, etc. 5,358 sq.yd. 0.511 mi. Federal Aid Project 95. H. C. Dietzer, Jackson, engr. Noted Feb. 18.

Miss., Meridian—Nov. 4, by Lauderdale Co. at office Chancery Clerk, clearing, grubbing, bridging, grading, etc. 190,441 cu.yd. Federal Aid Project 185-A. H. C. Dietzer, Jackson, engr.

Louisiana—Nov. 2, by State Hy. Comn., Baton Rouge, graveling 19.387 mi. DeQuincy-Texas Highway, State Project 484-A, Beauregard and Calcasieu Parishes. W. B. Robert, Reymond Bldg., highway engr.

Louisiana—Nov. 11, by State Hy. Comn., Baton Rouge, graveling 10.5 mi. St. Joseph-Winnsboro Rd., State Project 491-A, Tenas Parish; also constructing 1.761 mi. Pollock Jena Highway, State Project 115-B, and 3.03 mi. same road State Project 164-B, Grant Parish. W. B. Robert, Reymond Bldg., highway engr.

Louisiana—Nov. 18, by State Hy. Comn., Baton Rouge, bituminous concrete (Modified Topeka Type), 2 in. sheet asphalt, 2½ in. Warrenite-bitulithic or 2 in. wearing surface on concrete paving 13.672 mi. Baton Rouge-New Orleans Highway, Federal Aid Project 168-A, East Baton Rouge Parish. W. B. Robert, Reymond Bldg., Baton Rouge, engr.

Louisiana—Nov. 23, by State Hy. Comn., Baton Rouge, graveling 8.644 mi. Chatham-Ruston Highway, State Project 419-B, Jackson Parish. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

Tennessee—Nov. 12, by State Hy. Dept., Nashville, grading 3.1 mi. Eatons Cross Rds., Federal Aid Project 45-A, Loudon Co. C. N. Bass, highway engr. Noted Sept. 16.

Ind., Indianapolis—Nov. 8, by Bd. Pub. Wks., grading, and asphalt, asphaltic concrete, concrete or brick on 6 in. concrete paving 5 alleys.

Ind., Spencer—Nov. 3, by Comrs. Owen Co., grading and limestone paving Mack Franklin Rd. $30,000. C. E. Pectol, aud.

Ind., Winamac—Nov. 3, by Comrs. Pulaski Co., grading, and graveling. William H. Ambler, et al Rd., $21,000; Horace King, et al Rd. $14,000; and W. E. Siddall, et al Rd., $6,000. J. C. Howe, aud.

Ia., Adel—Nov. 1, by Auditor Dallas Co., grading, graveling, etc., 22,984 cu.yd. Dists. 62, 63, 65, 68 and 69, gravel. E. L. Kaser, Adel, co. engr.

Ia., Eddyville—Nov. 22, by I. S. Burton, city clk., grading, curbing and paving 8,960 sq.yd. 3rd and Walnut Sts. Former bids rejected. $25,000. Brown & Cook, Ottumwa, engrs. Noted Sept. 23.

Kan., Ft. Scott—Nov. 23, by Clerk Bourbon Co., grading and bituminous macadam or brick paving 37,173 sq.yd. Federal Aid Project 336, Sect. A. H. McCurley, Ft. Scott, co. engr. Noted May 6.

Kan., Newton—Nov. 3, by C. A. Young, clk. Harvey Co., 7 in. concrete paving 7,000 sq.yd. Federal Aid Project 329-C. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

Kan., Olathe—Nov. 13, by Clerk Johnson Co., concrete or brick surfacing 1.613 mi. Federal Aid Project 246-G. E. J. Terrill, Olathe, engr. Noted Sept. 2.

Kan., Olathe—Nov. 22, by Clerk Johnson Co., grading, concrete or brick surfacing, etc. 69,389 sq.yd. various streets. E. J. Terrill, Olathe, co. engr. Noted Sept. 23.

Missouri—Nov. 4, by State Hy. Dept., Jefferson City, 30 ft. grading approximately 38 mi. roads in 6 counties; graveling approximately 58 mi. in 8 counties; and haul-

Streets and Roads (Continued)

ing 7,423 cu.yd. gravel in Laclede Co., etc. B. H. Piepmeier, ch. engr.

Arkansas—Nov. 16, by State Hy. Comn., Little Rock, clearing and 8,146 ft. earth embankment on Arkansas approach to Harahan Viaduct, Arkansas-Tennessee Federal Aid Project 300-A, Crittenden Co. R. C. Limerick, c/o owner, engr.

Tex., Alice—Jim Wells Co. taking bids grading and bridging 9.788 mi. Highway 12-A, Federal Aid Project 424-D, Unit 1, $52,000. F. E. Hess, Alice, res. engr.

Tex., Austin—Nov. 8, by State Hy. Comn., Austin, E. Smith, chn., grading, bridging and crushed gravel surfacing 9.391 cu.yd. Highway 71, Travis Co. $52,000. O. Leonard, Austin, co. engr.

Colorado—Nov. 3, by State Hy. Dept., Denver, grading, graveling, etc. 4.351 mi. Highway 1, South of Pueblo, Pueblo Co. L. D. Blauvelt, State Office Bldg., Denver, engr.

Nevada—Nov. 10, by State Hy. Comn., Carson City, grading, placing surfacing material, etc. on 15.76 mi. Goldfield-Millers Cutoff Rd., Esmeralda Co., and 2.82 mi. road between Fernley and point 3 mi. east, Lyon Co.; also placing surfacing material on road between Wadsworth and point ¾ mi. east, Washoe Co. G. W. Borden, Carlson City, engr.

Calif., Los Angeles—Nov. 8, by Supervs. Los Angeles Co., curbing, guttering, grading and concrete paving 85,297 sq.ft. portion Wilmington Ave., Co. Impvt. 552.

Calif., Los Angeles—Nov. 8, by Supervs. Los Angeles Co., grading, curbing, guttering, walks, 8 in. concrete paving 31,658 sq.ft. and 8- to 10-in. concrete paving 8,212 ft. portions Mines Ave.

Calif., Redwood City — Supervs. San Mateo Co. taking bids 2 in. asphaltic concrete on 6 in. waterbound macadam paving 4,200 lin.ft. Willow Ave., 30 ft. G. A. Kneese, Redwood City, co. surv.

Calif., Richmond — A. Faris, city clk., taking bids improving various streets, incl. 9,042 cu.yd. excav., 2,177 cu.yd. fill, 190,896 sq.ft. 4 in. asphaltic concrete paving, etc. To exceed $60,000. A. E. Hoffman, City Hall, engr.

Calif., Santa Rosa—Nov. 9, by Supervs. Sonoma Co., grading 12,000 cu.yd. Guerneville-Jenner Highway, Sect. E. E. A. Peugh, Santa Rosa, co. surv. Noted Oct. 21.

Calif., Signal Hill (mail Burnett)—City Trustees taking new bids curbing, guttering, walks and asphaltic concrete paving Cherry Ave.

Saskatchewan—Nov. 3, by Dept. Highways, Regina, H. S. Carpenter, deputy minister, constructing 15 mi. various roads. $90,000.

B. C., South Vancouver—See "Contracts Awarded"

Bids Received

Mass., Brighton (Boston P. O.) — Dept. Pub. Wks., Boston, sheet asphalt or bitulithic paving Allston St., etc., here, from M. DeMatteo, 14 Rowe Pl., Rosindale, $47,686.

Mass., Dorchester (Boston P. O.)—City of Boston, sheet asphalt or bitulithic paving Glenbourne St., here, from H. Malley, 96 Tyndale St., Rosindale, $34,165.

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, concrete paving Floyd St., etc., here, from C. Capone, 11 Hemlock St., Rosindale, $31,812.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, asphalt repaving Central Ave. and Marcy Ave. from Cranford Co., 52 9th St., $94,417 and $85,517 respectively; 79th St. and Empire Blvd. from M. H. O'Hara, Neptune Ave. and West 19th St., $7,728 and $5,538 respectively; 11th Ave. from Borough Asphalt Co., 1391 Metropolitan Ave., $3,539. Noted Oct. 14.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., Oct. 22, grading, curbing, etc. Roebling Ave. from F. Spadaro, 2883 Coddington Ave., $14,333; Gillespie Ave., from L. Di Minna, 2336 Lorrilard Pl., $16,208; Mansion St., from C. Turiano Contg. Co., 806 Bay 12th St., Brooklyn, $5,349; and Sagamore St., from J. Gebert, Jr., 454 Bolton Ave., $2,320. Noted Oct. 14.

N. Y., St. George — J. J. Lynch, pres. Richmond Boro, Boro Hall, Oct. 22, bituminous concrete repaving Forest Ave., from J. E. Donovan Paving Co., 2205 Richmond Terrace, Port Richmond, $44,905. Noted Oct. 14.

N. J., Asbury Park—City Council, paving 10,050 sq.yd. 5th Ave., from Standard Bitulithic Paving Co., 50 Church St., New York City., bitulithic $53,280; and from Union Paving Co., 123 South 21st St., Phila., Pa., asphalt $55,579.

Pennsylvania—State Hy. Dept., Harrisburg, Oct. 15, **(R. means Route and A. means Application)**, rein.-con. paving 1,537 ft. R. 94, Sect. 2, Warren Co., from H. E. Bunce, Chester, W. Va. $52,196, 13,518 ft. R. 61, A. 4213, Jefferson Co., from Cooper Constr. Co., Inc., Clymer $98,794, 13,495 ft. A. 4104, Warren Co., from F. L. White Co., 30 Warren Natl. Bank Bldg., Warren $102,871, 18,950 ft. R. 175, Sect. 4, A. 3364, Northampton Co., from Lincoln Constr. Co., Strafford $110,953, 15,363 ft. R. 516, A. 4383, Delaware and Montgomery Counties, from G. I. Thompson Co., Clearfield $131,781, 2,180 ft. R. 222, Somerset Co., from Sky Contg. Co., 411 Broad St., Johnstown $38,652, 12,237 ft. R. 52, A. 3725-3726, Somerset Co., from M. F. McCabe & Co., 309 Devony Bldg., Fairmont, W. Va. $93,397, 16,721 ft. A. A-2003-B, York Co., from York Engineering & Constr. Co., 21 West Market St. York $122,329 and from H. W. Horst Co., Rock Island, Ill. $122,329, 12,668 ft. R. 221, A. 4241, Cambria Co., from Paul Constr. Co., Inc., Cresson $92,799, 3,721 ft. A. 4298, Lehigh Co. and bituminous on broken stone paving 8,576 ft. R. 464, Sect. 1, A. 3925 and 3926, Schuylkill Co., from Swanger & White 2nd and Canal Sts., Lebanon $51,279 and $86,792 respectively; also bituminous on treated macadam paving 11,159 ft. R. 103, A. 4235, Potter Co., from D. L. Dennis, Galeton $55,401, and $5,530 ft. A. 4262, Mifflin Co., from J. M. Hutchinson, Altoona $17,061. Noted Sept. 30.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, Oct. 19, from Eastern Asphalt Paving Co., Penna. Bldg., asphalt paving (assessment work), Bleigh St. $5,594, and Keystone St. $5,987, from Union Paving Co., 123 South 21st St., Lycoming St. $12,385, Stenton St. $10,811, Summerdale St. $13,403, 5th St. $5,015, redressed granite block repaving Chancellor St. $7,057, Columbia St. $35,626, Germantown St. $40,438, Moravian St. $13,917, Norfolk St. $3,359, 8th St. (track area) $18,067, 17th St. (incl. track area) $15,056, 20th St. (incl. track area) $8,842, improving Afton, Bingham, Claridge, Dorcas, Faunce, Lawndale, Montour, Oakmont and Tabor (country) Rds. $30,288, Arthur Large and Ripley Rds. $20,318, Aubrey, Filter and Torresdale Rds. $32,710, also Bleigh, Shelmire and Whitaker Rds. $33,193; from Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., asphalt paving (assessment work) 7th Ave. $10,802, and asphalt repaving Rockland St. $23,982; also from Mazzola & Marano, Inc., 739 South 7th St., redressed granite block repaving Dock St. $93,839, and 6th St. $5,934.

Cape Town to Cape Horn
See page 73→

Md., Baltimore — Bd. Awards, Oct. 20, grading, curbing and sheet asphalt paving 11,100 sq.yd. Contr. 373, from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $43,996.

North Carolina — State Hy. Dept., Raleigh, Oct. 19, from Caldwell Constr. Co., Charlotte, grading, concrete or asphalt paving, etc., 2.216 mi. Project 6501, Mecklenburg Co. $93,631, from Ziegler Bros., Greensboro, 13.055 mi. Projects 828-829, Henderson Co. $294,830, 13.45 mi. Project 872, Rutherford Co. $357,684, 12.2 mi. Project 234, $278,430, 15.541 mi. Project 233, $344,340, both Johnston Co., 14.307 mi. Project 3940, Robeson Co. $345,534, and 7.811 mi. Project 3480, Cumberland Co. $176,337, from Jamison Bros., Inc., High Point, clearing, grubbing, grading and topsoiling, etc., 14.096 mi. Project 349, Cumberland Co. $67,223; and from J. F. Mulligan Constr. Co., North Wilkesboro, clearing, grubbing, grading, etc., 19.595 mi. Project 270, Sampson Co. $71,051. Noted Sept. 30.

South Carolina — State Hy. Dept., Columbia, Oct. 14, sand clay surfacing, etc., 9.64 mi. State Project S-638, Route 32, Colleton Co., and bridge on Route 38, State Project S-637, Dillon Co., from Gibson Constr. Co., 205 East Bay St., Savannah, Ga., $57,890 and $2,322 respectively; sand clay surfacing 10.5 mi. State Project S-637, Route 38, Dillon Co., from Carson Bros., Batesburg, $32,159; clay bound macadam paving 10.7 mi. State Project S-640, Route 2, Oconee Co., from C. M. Lyle, Gainesville, Ga., $106,962, treated timber bridge on same road over Middle Village Creek and raising bridge over West Village Creek, from Porter & Hooks, Charlotte, N. C., $3,842; approaches to Lawson's Fork Bridge and approaches to Pacolet River Bridge on Route 10, State Projects S-613 and S-628, Spartanburg Co., from J. C. Moffitt, Abbeville, $11,946; treated timber bridge on Route 8, Federal Aid Project 243-B, Spartanburg Co., from Poe Constr. Co., Greenville, $3,970; rein.-con. bridge over Little Saluda River, on State Project S-592-B, Saluda Co., from Latimer & Peake, Columbia, $26,191; treated timber bridge extension on Combahee River Bridge, on Route 32, State Project S-523, Beaufort-Colleton Counties, from Palmer Constr. Co., Florence, $2,664; reconstructing, etc., Alford's Bridge on Route 8, State Project S-650, Anderson Co., from J. L. Carroll, Columbia, $11,089.

O., Zanesville—Comrs. Muskingum Co., Oct. 15, grading, paving, etc., 2½ mi. Infirmary Rd., 16 ft., from Adams Bros., Zanesville, $45,123.

Indiana—J. D. Williams, dir. State Hy. Comn., Indianapolis, grading 171,000 cu.yd. and small culverts on Federal Aid 62, Contrs. 113 and 114, Davies Co., from Kelly & Young, Frankfort, $84,665; also 18,000 cu.yd. and small culverts on same road, Contr. 115, from S. B. Gibson, Terra Haute, $8,801.

Indiana—J. D. Williams, dir. State Hy. Comn., Indianapolis, concrete paving 1.128 mi. Madison Hill Rd., Project S-526, Jefferson Co., from E. V. Bergen, Franklin, $23,256, engrs. est. $25,143; and gravel on limestone paving 0.646 mi. Tell City-Paoli Rd., Project S-527, Crawford Co., from Brown & Cunningham, English, $6,834. Noted Sept. 30.

Michigan—H. G. Oakes, resident engr., Cadillac, Oct. 20, concrete paving 10.961 mi. F. A. 129-F, 20 ft., Benzie Co., from Rogers Constr. Co., Beulah, for State Hy. Dept., Lansing. $372,252. Noted Oct. 14.

Colorado—State Hy. Dept., Denver, Oct. 13 and 15, gravel surfacing 4.694 mi. Highway 123, Federal Aid Project 144-A, Larimer Co., from O. La Vier, 425 West Platte Ave., Ft. Morgan, $31,565, 0.738 mi. Highway 72, State Project 626, Gilpin Co., from Hinnam Bros., 3358 Race St., Denver, $11,395, and 3.997 mi. Highway 4, Federal Aid Project 157-A, Chaffe Co., from E. H. Honner, Box 391, Colorado Springs, $47,545; 50 ft. steel bridge on Highway 19, State Project 552-B, Gilpin Co., from Stroethle Machine & Supply Co., Blackhawk, $6,025; two 50 ft. span steel bridges on Highway 71, State Projects 526-A and B, Crowley Co., from Monarch Eng. Co., Box 1196, Denver, $4,010 and $3,900 respectively; ten 19 ft. span timber trestle and graded approaches over Big Sandy Creek, on Highway 4, Federal Aid Project 79-A, Elbert Co., from A. R. Mackey, c/o A. B. Collins, Box 526, Greeley. $10,422. Noted Oct. 7.

Calif., Los Angeles — Los Angeles Co., from J. and P. Cristich, Douglas Bldg., improving Hazard St., etc., Co. Impvt. 602, 6,803 cu.yd. excav. at $0.50 per cu.yd., 24,371 sq.ft. walks $0.16, 11,280 sq.ft. 6 in. guttering $0.21, etc., total approximately $31,148.

Calif., Los Angeles—From W. Liddington, 420 East 60th St., improving 76th St., 375 lin.ft. curbing at $0.50 per lin.ft., 1,190 sq.ft. sidewalk $0.14, 318,298 sq.ft. paving $0.166, etc., total $59,808.

Calif., Los Angeles—Supervs. Los Angeles Co., from Griffith Co., 502 Los Angeles Ry. Bldg., improving Beverly Blvd., 6,004 lin. ft. curbing at $0.49 per cu.yd. 11,123 sq.ft. guttering $0.189, 34,972 cu.yd. excav. $0.41, etc., total $186,077 engrs. est. $210,182, from J. and P. Cristich, 309 Douglas Bldg., Hazard St., 6,418 lin.ft. curbing $0.47, 3,731 lin.ft. 8 in. guttering $0.26, and 11,280 lin.ft. 6 in. guttering $0.21, 24,371 lin. ft. sidewalk $0.16, and 6,803 cu.yd. earth excav. $0.50, etc., total $31,048, engrs. est. $32,493. Noted Oct. 21.

Calif., Redwood City — City Trustees, Oct. 18, from Hanrahan Co., Standard Oil Bldg., San Francisco, improving Phelps St., 6,500 cu.yd. grading at $0.50 per cu.yd., 144,900 sq.ft. 6 in. concrete paving, etc. $0.217, etc., total $38,825. Noted Oct. 7.

Calif., Richmond — Curbing, grading, guttering and 3 in. broken rock on asphaltic concrete paving Humboldt, Ventura Sts., etc., from J. V. Galbraith, Fulton, approximately $64,800.

Calif., San Diego—Common Council, Oct. 18, from G. R. Daley, 4430 Boundry St., improving Euclid Ave., 2,948 cu.yd. excav. at $1.40 per cu.yd., 22,048 sq.ft. concrete sidewalk $0.21, 4,451 sq.ft. concrete curbing $0.65, and, 50,529 sq.ft. 2 in. asphaltic concrete on 5 in. concrete paving $0.235, etc., total $28,039. Noted Sept. 2.

Contracts Awarded

Mass., Brighton (Boston P. O.)—Dept. Pub. Wks., Boston, sheet asphalt paving Allston St., etc., here, to M. DeMatteo, 12 Rowe Pl., Rosindale, $47,686.

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, concrete paving Lorna Rd., Lucerne St., etc., here, to J. A. Singarelli, 110 High St., Boston, $19,547. Engrs. est. $25,000.

Constr. News page 279

Streets and Roads (Continued)

Mass., Roxbury (Boston P. O.) — Dept. Pub. Wks., Boston, granite block paving Warren St., here, to A. DeStefano, 288 Summer S., East Boston, $20,916. Engrs. est. $25,000.

N. Y., New York—J. Miller pres, Manhattan Boro, Municipal Bldg., sheet asphalt paving West 168th St. to Asphalt Constr. Co., 2197 Madison Ave., $8,781. Noted Oct. 21.

N. J., Newark—To Gilligan-Casey Co., 972 Broad St., asphalt on concrete repaving Academy St. $11,278, Poinier St. $29,205, grading, curbing, flagging and paving Mountain View Ave., $17,394, Avenue C $15,520, and Kemple St., $7,113; also to City Asphalt Plant, resurfacing South 10th St. $9,931. Grand total $90,441. Noted Oct. 21.

N. J., Woodbury—Gloucester Co., concrete paving 40,500 sq.yd. Porchtown-Franklinville Rd., to C. D. Prosser, Pitman, 64.6% engrs. est. $26,445. Noted Oct. 7.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route and A. means Application)**, bituminous treated macadam paving, etc. 13,640 sq.yd. R. 13-A, 4207, Bradford Co., to D. L. Dennis Co., Galeton, $50,527; and rein.-con. paving, etc. 16,603 sq.yd. R. 257, A. 5322, and 10,876 sq.yd. A. 3756; Allegheny Co., to T. Cronin Co., South 18th and Fox Sts., Pittsburgh $69,471 and $52,136 respectively; 11,525 sq.yd. R. 247, Sect. 9, Fayette Co., to Petriello Bros., South Brownsville $59,284, and 36,126 sq.yd. R. 99, Spur A, A. 3910, Elk Co., to E. C. Jones, Salamanca, N. Y. $156,191. Grand total $387,609. Noted Sept. 30 and Oct. 7.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route and A. means Application)**, rein.-con. paving 8,661 sq.yd. R. 150, Bucks Co., to Union Paving Co., 123 South 21st St., Phila. $30,717, 35,786 sq.yd. R. 339, A. 4160-4161, Dauphin Co., to Lincoln Constr. Co., Strafford $123,600, 8,018 sq.yd. R. 278, A. 4359, Beaver Co., to F. F. Hallam & Son, Beaver $32,095, 38,072 sq.yd. R. 319, A. 4127-4103, Armstrong and Indiana Counties, to McClure & Bingner Co., Inc., Johnstown $159,365, 104,730 sq.yd. R. 132, A. 4381, Delaware Co., to McNichol Paving & Constr. Co., 1923 Cherry St., Phila. $53,245, 5,376 sq.yd. Plaza at Capitol Bldg., Harrisburg, Dauphin Co., to J. A. Albright, Penbrook $25,599, and 18,756 sq.yd. R. 1, A. 3075, Northumberland Co., to W. M. Moser, Mt. Carmel $116,249; also 3 in. bituminous paving 12,129 sq.yd. R. 495, A. 4377, Erie Co., to J. and M. Doyle Co., Erie $34,150. Grand total $575,020. Noted Sept. 16, 30 and Oct. 7.

Md., Baltimore—Bd. Awards, grading, curbing and concrete paving 39,350 sq.yd. streets listed in Contr. 372, to Aiello Constr. Co., 4th and Gough Sts., $92,277, and sheet asphalt paving 14,220 sq.yd. Contr. 371, to Amer. Paving Co., Montebello Ave., $52,403. Noted Oct. 21.

Virginia—State Hy. Dept., Richmond, **(e. e. means engrs. est.)** grading, clearing, top soiling, etc. 5.14 mi. Route 18, Halifax Co., to J. W. Talley, Petersburg, $54,068, e. e. $59,475; grading, etc. 3.24 mi. Route 23, Patrick Co., to Marye & Blankenship, Shawsville, $30,906, e. e. $33,997; grading, concrete surfacing, etc. 13,736 sq.yd. Route 392, Sussex Co., to R. Martin Co., Salem, $29,593, e. e. $32,552; grading and asphaltic macadam surfacing 7,715 sq.yd. Route 33, Franklin Co., to G. P. Clay & J. J. Battershill, Richmond, $21,409, e. e. $23,550. Grand total $135,976. Noted Aug. 19.

Ala., Birmingham—City Comn. **(e. e. means engineers estimate)** concrete asphalt paving 10 blocks 6th Court. 1st and 6th Aves., 56th and 57th Sts., to Independent Paving Co., Amer. Trust Bldg., $43,401, e. e. $49,500; 21 blocks 5th Ave. N. and S., 25th and 41st Sts., to Southern Roads Co., 104 North 17th St., $88,849, e. e. $93,600; 3 blocks 13th Court, 30th St. and 30th Pl. S., to Wood-Rucker Constr. Co., Amer. Trust Bldg., $11,573, e. e. $12,200; 2 blocks streets, to Dunn Constr. Co., Lincoln Life Bldg., $9,405, e. e. $10,000; 3 blocks 48th St., Ensley, to H. N. Bowdry, Alabama Power Companies Bldg., $17,386, e. e. $18,000. Grand total $170,614.

Miss., Clarksdale—See "Buildings—Commercial."

Miss., Kosciusko — Chauncery Clerk Attala Co., grading, etc. 75,192 cu.yd. Federal Aid Project 54-A, to S. P. Boyd, Columbia. Noted Sept. 30.

La., Amite—Tangipahoa Parish, grading and graveling 11 mi. roads in Ward 8, to J. H. Newton, Amite, $11,360; gravel, to Holoway Gravel Co., Amite, $9,113; and shells, to Rotolo Navigation Co., Madisonville, $6,750. Grand total $27,223.

O., Columbus — W. H. Duffy, dir. Pub. Serv., grading, curbing and asphalt paving 2,290 sq.yd. Woodbine Pl., and Mexican asphalt paving 2,760 sq.yd. Mizar Ave., to B. F. Patterson, 1214 Neil Ave., $14,784 and $15,360 respectively concrete paving 1,120 sq.yd. Russell St., and 3 in. brick paving 3,280 sq.yd. Tulane Rd., to R. J. Dienst, 480 South 5th St., $4,273 and $17,945 respectively; asphalt paving 6,320 sq.yd. Moler St., to Trinidad Paving Co., Grand Theatre Bldg. $30,128, and 5,895 sq.yd. 13th Ave., to Knight & Wells, 483 Oak St., $28,963. Grand total $111,453. Noted Sept. 30.

O., East Liverpool—For 8 in. concrete paving 4th St., to G. B. Patterson, Wellsville, $27,532. Engrs. est. $30,000. Noted Oct. 7.

O., Euclid—Bitulithic surfacing Ivan and East Miller Aves., to Cleveland Trinidad Paving Co., The Arcade, $31,526 and $35,991 respectively. Noted Oct. 14.

O., Rocky River — Concrete paving Hilliard Rd. from Wooster Rd. to Lakewood, to Ohio Eng. Co., Lorain, $37,000.

O., Toledo — W. T. Jackson, dir. Pub. Serv., curbing, grading and vitr. brick paving 11,819 sq.yd., Nebraska Ave., to Harris & Tansey, Toledo at $3.50 per sq.yd., total $51,117. Engrs. est. $68,512.

Ind., Gary—Bd. Wks., constructing Tyler St., to M. P. McVey, Gary $24,014, and Polk St., to A. Metz, Gary $23,299; also sidewalks on Grant St., to W. Schmidt, Gary, $15,000. Grand total $62,313.

Ind., Vincennes — Knox Co., concrete paving 1.284 mi. King Rd., to Lenaham & Konen, Vincennes, $28,000. Engrs. est. $33,052. Noted Sept. 23.

Mich., Detroit — Berea curbing, and 3½ in. sheet asphalt on 8 in. concrete paving 3,200 sq.yd. Norcross Ave., to Dept. Pub. Wks.; City Hall, $12,904; 24,800 sq.yd. Bryden and Petoskey Aves., to Lennane & McIlvenna, 7777 West Chicago Blvd., $99,228; 28,825 sq.yd. Orleans St. and 6 avenues, to Detroit Asphalt Paving Co., 909 Transportation Bldg., $117,343; 17,350 sq.yd. Santa Clara and Maddelein Aves., to M. R. Hanna Co., 2700 Six Mile Rd., $69,534. Grand total $299,009.

Mich., Detroit—Berea curbing, and 3½ in. sheet asphalt paving Whittier Court, Coolidge Highway, Meyers Rd., and 13 avenues, to Detroit Asphalt Paving Co., 909 Transportation Bldg., $394,250; Ford Court, and 4 avenues, to Cleveland Trinidad Paving Co., 402 Hammond Bldg., $80,466; Loretta, Cliff, and Cardoni Aves., to Cooke Asphalt Paving Co., 1260 Penobscot Bldg., $102,075; and 5 avenues, to Dept. Pub. Wks., City Hall, $103,838. Grand total $680,629. Noted Aug. 12.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete paving Route 23, Sect. 3, La Salle Co., to Harrison Eng. & Constr. Co., Mutual Bldg., Kansas City, Mo., $371,532, Route 41, Sect. 16 and 16-W, Knox Co., to Central Eng. Co., Putnam Bldg., Davenport, Ia., $24,054 and $21,030, Route 10, Sects. 34-X-1 and 2, Vermilion Co., to R. McCalman, Inc., Danville, $2,011 and $1,446 respectively; grading Route 2, Sect. D-1, La Salle Co., to Cameror, Joyce & Co., Keokuk, Ia., $19,344, same road, Sect. D-2, to Duncan Constr. Co., La Salle, $28,917, and Route 2, Sect. 73-A, Lee Co., to H. Zolper & Sons, Mendota, $9,440. Grand total $477,773. Noted Sept. 16.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, brick paving Route 41, Sects. 16 and 16-W, Knox Co., to Central Eng. Co., Putnam Bldg., Davenport, Ia., $45,084; grading 0.14 mi. Route 2, Sect. D-1, La Salle Co., to Cameron, Joyce & Co., Keokuk, Ia. $19,343, 0.14 mi. Route 2, Sect. X-2, La Salle Co., to Duncan Constr. Co., La Salle $28,917, and 17.2 mi. Route 23, Sect. 3, La Salle Co., to Harrison Eng. & Constr. Co., 506 Mutual Bldg., Kansas City, Mo., $371,532. Grand total $464,876. Noted Sept. 16.

Ill., Chicago—Bd. Local Impvts., grading, curbing, guttering, sewers, bringing old concrete to grade with additional concrete and asphalt on 8 in. concrete paving Northwestern Ave., etc., to Ryan Co., 4500 West Division St.

Ill., Elmhurst—Widening Addison St., to Standard Paving Co., 1101 South Cicero Ave., $33,531; sewers and water mains in Holly Ave., to W. Hoppenrath, Brookfield, $11,797.

Ill., Rushville—Bd. Local Impvts. grading, curbing, guttering and 7 in. rein.-con. paving 8,938 sq.yd. in North Liberty Street Paving Dist., to M. Hayes & Sons, 309 South La Salle St., Chicago, $32,192. Engrs. est. $35,500. Noted Sept. 23.

Ia., Charles City—Floyd Co., grading and 6 in. concrete paving 8.905 mi. Federal Aid Project 279, to Anderson & Empire, Marshalltown, $229,757. Noted Sept. 30.

Ia., Emmetsburg—Palo Alto Co., C. A. Elkwald, Emmetsburg, improving Primary Project 461, 18,145 ft. 6- to 12-in. drain at $0.10 to $0.28 per ft., and 34 intakes at $15 each; to O'Hanlon & Reilly, Omaha, Neb., 102,875 cu.yd. excav. $0.21, 369 cu.yd. loose rock $1, and 100 cu.yd. solid rock $2.50, 1,030 ft. 15 and 18 in. culvert laid at $0.35 and $0.40; to Graettinger Tile Co., Graettinger, 760 ft. 15 in. concrete pipe $0.70, and 270 ft. 18 in. $1.

Ia., Hampton—Franklin Co., to C. L. Yost, Bristow, improving Secondary Dists. 27 and 31, 8,350 cu.yd. gravel 1 mi. haul at $0.32 and $0.37 per cu.yd., 36,500 units ½ mi. haul $0.07, 1,000 cu.yd. stripping $0.20. Noted Sept. 23.

Ia., Newton—For 2,472 yd. 7 in. concrete, and 14 165 yd. sheet asphalt paving various streets, to J. S. McLoughlin & Sons Co., 519 Insurance Exch. Bldg., Des Moines, $36,500.

Ia., Ottumwa — Wapello Co., to Steel Bros., Ottumwa, improving Primary Project 326, 17,814 cu.yd. excav. at $0.325, $0.40, $1, and $2 per cu.yd., 12,600 sta.yd. overhaul $0.02, etc.; and to G. Henry Hedrick, 37,650 ft. 6 and 8 in. drain tile at $0.15 and $0.19 per ft., also 9 intakes $15 each. This corrects report in Oct. 7 issue.

Ia., Schleswig—Grading, curbing, guttering and Warrenite bitulithic or concrete paving 8,100 sq.yd. various streets, to Western Asphalt Paving Corp., 2100 East 4th St., Sioux City. Engrs. est. approximately $25,000.

Ia., Wilton Junction—Curbing, grading and 7 in. rein.-con. paving 13 blocks various streets, to Korneman Bros., Muscatine, approximately $45,800.

Kan., Eureka—Greenwood Co., grading, etc. 4.772 mi. Federal Aid Project 297-B, to S. W. Poor, 927 Lincoln St., Topeka, $21,956; bridges on same road, to Marsh Bridge Co., Topeka, $13,979. Rejected bids Oct. 14, paving, etc. 0.624 mi. Federal Aid Project 322-B. Will readvertise. Noted Sept. 30.

Kan., Kansas City—Wyandotte Co., concrete paving, etc. 2.502 mi. Federal Aid Project 309-C, to E. D. Tyner, 14th and Elmwood Sts., Kansas City, Mo., $108,096. Noted Sept. 23.

Neb., Wahoo — City and Sanders Co., vibrolithic concrete paving, etc. 13,600 yd. various streets, to Central Bridge & Constr. Co., Wahoo, $43,700.

Mo., Louisiana—See "Bridges."

Mo., Springfield—Concrete paving, etc. 10,644 sq.yd. Stanford St., to E. V. Koch, 420 East Walnut St., $22,633; and 4,422 sq.yd. Maryland Ave. to Hedges Weeks Constr. Co., Hall and Bldg., $9,253.

Tex., Abilene—Taylor Co. grading and bridging 9.015 mi. Highway 30, Federal Aid Project 90-A, to Womack Constr. Co. Sherman, $32,872. Noted Sept. 2.

Tex., Amarillo—Concrete paving 50,000 yd. vairous streets to Amarillo Constr. Co., Amarillo, $103,460.

Tex., Angleton — Brazoria Co., grading and surfacing 11.646 mi. Highway 58, Federal Aid Project 442-A, to A. Smith, Bryan, $295,755.

Tex., Corpus Christi—Nueces Co., 1½ in. asphalt on concrete paving 129,486 sq.yd. various streets to Smith Bros., Amer. Exch. Bank Bldg., Dallas, $397,000. Engrs. est. $415,000.

Tex., Corpus Christi—Concrete paving 129,486 sq.yd. various streets, to Smith Bros. Inc., c/o Amer. Exch. Bank Bldg., Dallas, $397,000.

Tex., Galveston — Permanent paving 2 blocks Bway. between 39th and 59th Sts., to Moller & Roberts, Hitchcock, $91,066. Noted Oct. 21.

Tex., Jacksboro—G. R. Johnston, engr., Jack Co., Jacksboro, asphaltic macadam on sledged stone paving 12.803 mi. Highway 24, State Aid Project 568-A, 16 ft., to Cooke & Turner, Marshall, $132,509. Engrs. est. $161,000. Noted Sept. 30.

Oklahoma—State Hy. Dept., Oklahoma City, **(F. A. P. means Federal Aid Project, S. A. P. State Aid Project and e. e. engineers estimate)**, to Taylor and Whitson, Ardmore, improving 6.734 mi. Ardmore-Overbrook Rd., F. A. P. 142-D, Carter Co., 36,815 cu.yd. excav., 22.72 tons reinforcing, 14,565 units overhaul, etc., $26,817 e. e. $30,000, to Altman-Rogers Constr. Co., McAlester. 5 mi. Stigler Rd., F. A. P. 196-B, Haskell Co., 31,642 cu.yd. excav., 15 tons reinforcing, 9,625 units overhaul, etc., $23,300 e. e. $25,000, to D. Blackburn, Healdton, 3.929 mi. Davis-Turner Falls Rd., F. A. P. 134-D and E, 35,400 cu.yd. excav., 16,895 units overhaul, etc., $8,432 e. e. $12,800, to W. L. Davis, Madill, 7 mi. Duncan Rd., S. A. P. 180-D, Stephens Co., 56,900 cu.yd. excav., 5,753 units overhaul, 20.15 tons reinforcing, etc., $42,097 e. e.

Constr. News page 280

Streets and Roads (Continued)

$46,000, to Gains, Yoekum & Mackey, 519 West Main St., Oklahoma City, 8 mi. Barnsdall-Skiatook Rd., F. A. P. 153-C, D and E, Osage Co., 80,794 cu.yd. excav., 29,228 units overhaul, 11.42 tons reinforcing, etc., $25,959 e. e. $30,000, to Ledford & Way, Duncan, 7.78 mi. Marlow Rd., F. A. P. 146-D, Stephens Co., 74,374 cu.yd. excav., 42.41 tons reinforcing, 18,960 units overhaul, etc., $27,462 e. e. $30,000, to J. H. Maxwell, Nebraska Bldg., Tulsa, 5.455 mi. Perry Rd., F. A. P. 140-E, Perry Co., 31,540 cu.yd. excav., 8,375 units overheaul, 15.83 tons reinforcing, etc., $21,089 e. e. $25,000, to Osage Constr. Co., Fairfax, 10.81 mi. Ponca City Rd., F. A. P. 152-D, I and J, Osage Co., 68,719 cu.yd. excav., 13,947 units overhaul, 22.51 tons reinforcing, etc., $46,953 e. e. $52.500, to Pharoah & Bell, Henryetta, 7.269 mi. Duncan Rd., S. A. P. 180-E, Stephens Co., 55,311 cu.yd. excav., 9,094 units overhaul, 11.76 tons reinforcing, etc., $49,880 e. e. $54,000, to Pharoah & Long, Pauls Valley, 7.927 mi. Pauls Valley-Wynwood Rd., F. A. P. 143-A and B, Garvin Co., 89,171 cu.yd. excav., 9,205 units overhaul, 19.82 tons reinforcing. etc., $31,639 e. e. $33,000, to J. E. Smith, Noble, 6.917 mi. F. A. P. 144-D and E, Garvin Co., 63,049 cu.yd. excav., 17,105 units overhaul, 12.95 tons reinforcing, etc., $22,639 e. e. $25,000, to R. R. Tway, 237 East 15th St., Oklahoma City, 5 mi. Perry Rd., F. A. P. 140-D, Noble Co., 28,890 cu.yd. excav., 2,975 units overhaul, 18.45 tons reinforcing, etc., $21,632 e. e. $25,000, to J. J. Harrison, Continental Bldg., 19.6 mi. Marlow Rd., F. A. P. 146-C and 145-C and D, Stephens Co., 188,018 cu.yd. excav., 54,391 units overhaul, 38 tons reinforcing, etc., $68,338 e. e. $80,000, and 10 mi. Lawton Rd., F. A. P. 145-A and B, 163,238 cu.yd. excav., 34,134 units overhaul, etc., $45,051 e. e. $50,000, to J. Hopper, Wilburton, 9.841 mi. East Vlan Rd., F. A. P. 150-A, B and C, Sequayah Co., 96,432 cu.yd. excav., 29,666 units overhaul, 34.37 tons reinforcing, etc., $41,564 e. e. $50,000, to Hamilton Constr. Co., Bartlesville, 4.93 mi. Mayes Rd., S. A. P. 165-B, Craig Co., 36,690 cu.yd. excav., 5,230 units overhaul, 8.42 tons reinforcing, etc., $22,909 e. e. $25,000, 3.3 mi. Chelsia Rd., S. A. P. 141-E, Rogers Co., 20.501 cu.yd. excav., 7,496 units overhaul, 10.59 tons reinforcing, etc., $13,951 e. e. $20,000, and grading, concrete paving, etc., 20.847 mi. Skiatook Rd., F. A. P. 153-F, Tulsa Co., $40,337 e. e. $42,000; to A. L. Cook, Ottawa, Kan., grading 11 mi. Ponca City Rd., F. A. P. 152-E, G, I, J and K, Osage Co., 228,281 cu.yd. excav., 91,536 units overhaul, 50.37 tons reinforcing, etc., $95.548 e. e. $105,000, to B. J. L. Paving Co., Enid., 12.804 mi. Covington Rd., F. A. P. 179-C, D, F and G, Garfield Co., 175,610 cu.yd. excav., 52,012 units overhaul, 49.85 tons reinforcing, etc., $71,289 e. e. $77,500, and 6.448 mi. Marland Rd., F. A. P. 210-B, Noble Co., 42,035 cu.yd. excav., 21,810 units overhaul, 21.8 tons reinforcing, etc., $26,999 e. e. $30,000, to Goolby & Epperson. Pryor, 5 mi. Vineta Rd., S. A. P. 165-A, Craig Co., 41,549 cu.yd. excav., 5,800 units overhaul, 6.53 tons reinforcing, etc., $22,118 e. e. $25,000, 2.237 mi. Mayes Rd., S. A. P. 220, Mayes Co., 18,551 cu.yd. excav., 4,840 units overhaul, 10.4 tons reinforcing, etc., $5,158 e. e. $10,000, to J. Ables, Modill, 5 mi. Stigler Rd., F .A. P. 196-E, Haskell Co., 28,657 cu.yd. excav., 13,210 units overhaul, 11.25 tons reinforcing, etc., $34.494 e. e. $37,500, and 5.02 mi. Spiro Rd., F. A. P. 196-F, Le Flore Co., 38,398 cu.yd. excav., 23,003 units overhaul, 7.65 tons reinforcing, etc., $24,836 e. e. $27,000; to E. W. Baker, 404 Medical Arts Bldg., Oklahoma City, concrete paving, etc., 60,666 sq.yd. Keystone Rd., F. A. P. 178-B, Pawnee Co., $143,681 e. e. $152,000, to H. L. Canady, 1122 South Lewis St., Tulsa, 44,049 sq.yd. Wewoka Rd., F. A. P. 174-B, Seminole Co., $107,132 e. e. $120,000, to Flynn Constr. Co., Newkirk, 62,068 sq.yd. Keystone Rd., F. A. P. 178-A, Pawnee Co., $133,406 e. e. $145,000, to T. Gudgel, Stillwater, 63,784 sq.yd. Perry Rd., F. A. P. 139-I, Noble Co., $118,468 e. e. $126,000, to Hyde Constr. Co., Amer. Bank Bldg., Enid, $2,971 sq.yd. Enid Rd., S. A. P. 359, Garfield Co., $8,552 e. e. $12,000, to C. Pleasant, 209 North Nogales St., Tulsa, 31,685 sq.yd. Pershing Rd., F. A. P. 153-A, Osage Co., $119,104 e. e. $130,000, 49.478 mi. same road Sect. B, $112,399 e. e. $125,000, to Gibson & Mitchell, Pauls Valley, 10,560 sq. yd. Purcell Rd., F. A. P. 144-9, McLain Co., $23,756 e. e. $26,000, and 53.676 mi. Davis Rd., F. A. P. 92-A, Murray Co., $119,107 e. e. $130,000. Grand total $1,746,096. Noted Sept. 23, 30 and Oct. 7.

Okla., Durant — Asphaltic macadam paving 6.742 sq.yd., and 6 in. concrete paving 4,675 sq.yd. various streets, to Baum & Dyer, Durant, $38,000.

Okla., Oklahoma City—For 2 in. Warrenite on 6 in. concrete paving 9,200 sq.yd. various streets, to Western Paving Co., Tradesmen's Bldg., $29,600.

Idaho — Commissioner Pub. Wks., at Town Hall, Wendell, graveling, etc. 8.24 mi. Federal Aid Project 42-B, Gooding Co., to Duffy Reed, Twin Falls, $71,652.

Idaho — Comrs. Pub. Wks., at Court House, Sandpoint, graveling 4.9 mi. Federal Aid Project 95-E, Bonner Co., to Anderson & Nelson, Leonia, $65,662. Noted Sept. 23.

Utah—State Hy. Comn., Salt Lake City, grading, graveling, etc. 7.41 mi. Monticello-Peters Hill Rd., 24 ft., to Raleigh, Clark & Higbee, Circleville, $68,408. Engrs. est. $76,252.

Nevada—State Hy. Dept., Carson City, improving 6.48 mi. Federal Aid Project 98-B, Washoe Co., to I. Couch, Fresno, Calif., $71,271.

Oregon—State Hy. Dept., at Court House, Portland, grading, etc. 93,500 cu.yd. Timber Canyon Sect. of Baker Cornucopia Highway, Baker to H. E. Cornell, 1403 Warm Springs Ave., Boise, Idaho $77,110, and 310,000 cu.yd. Winchester Bay-Lakeside Rd., Coos Co. to E. L. Gates, Alsea $166,262; also crushed stone surfacing, etc. 42,000 cu.yd. Unity-Ironside Rd. Baker Co., to Joslin & McAllister, Spokane, Wash., $75,320. Grand total $318,602.

California—State Hy. Comn., Sacramento, grading approximately 1.6 mi. roadway between Colma and Cypress Lawn Cemetery, San Mateo Co., to Kaiser Paving Co., Oakland, $99,300. Engrs. est. $118,229; concrete paving 8.4 mi. roadway between Ventura and Sea Cliff, Ventura Co., to J. F. Knapp, Stockton, $389,499 Engrs. est. $437,698. Noted Sept. 23.

Calif., Alhambra — Curbing, guttering, walks and 5 in. asphaltic concrete paving 164,760 sq.ft. Primrose Ave. Plum St., etc., to Hall-Johnson Co., 905 Westminster Ave., $30,858.

Calif., Antioch—J. C. McElheney, city clk., 5 in. concrete paving, etc., various streets, to C. W. Cushing, 2005 Roosevelt Ave., Richmond, $63,112. Noted Oct. 21.

Calif., Long Beach — Concrete paving, etc., Perris Ave. between Willow St. and Wilmington Blvd., to Dudley & Hicks, 2364 Atlantic Ave., $159,700. Noted Oct. 7.

Calif., Los Angeles — Concrete paving, etc., Windsor Blvd., to Chalmers & Ford, H. W. Hellman Bldg. $33,404, and 83rd St., to Tryon & Brain, Los Angeles, $98,098; concrete and asphaltic concrete paving 7th St., to Griffith Co., Railway Bldg., approximately $242,760, and Blakeslee Ave., to G. W. Ellis, 1005 Kenneth Rd., Glendale, $39,365.

Calif., Los Angeles—Los Angeles Co., 3 in. oil macadam paving 203,995 sq.ft. Lake Ave. Impvt. 460, to J. & P. Cristich, Douglas Bldg., $41,330; improving Narbonne Ave. Impvt. 294, to Griffith Co., Railway Bldg., approximately $25,780; portion of Centinela Ave., Impvt. 556, and Impvt. 303, to G. H. Oswald, 366 East 58th St. approximately $55,687 and $76,015 respectively. Noted Sept. 23.

Calif., Los Angeles — Concrete paving, rock and oil surfacing, etc., Hazeltine Ave. between Sherman Way and Chandler Blvd., to Tryon & Brain, California Bldg., $49,878.

Calif., Los Angeles—To Wells & Bressler, 3 California Bank Bldg., improving Jefferson St., 2,042 lin.ft. curbing at $0.45 per lin.ft., 1,280 lin.ft. guttering $0.25, 594,340 sq.ft. 8 in. concrete paving $0.22, and 10,946 sq.ft. 6 in. $0.47, etc., total $218,370

Calif., Los Angeles—Bd. Supervs. Los Angeles Co., grading, etc. Amestoy Ave., Co. Impvt. 414, to Chalmers & Ford, 533 H. W. Hellman Bldg., $95,809; Holmes Ave., Co. Impvt. 528, to G. H. Oswald, 366 East 58th St., $74,651; also portion Topango Canyon Rd., to J. Martin, 789 Lyon St., $60,883. Grand total $231,343. Noted Sept. 30.

Calif., Oakland — G. A. Gross, clk. Alameda Co., grading and gravel surfacing, etc. 177,000 sq.ft. Crow Canyon Rd., to P. H. Hoare, Hayward, $29,989. Noted Oct. 7.

Calif., Pacific Grove—Asphaltic concrete paving, etc., Ocean View Ave., to Clark & Tenery Constr. Co., Chancery Bldg., San Francisco, $37,503. Noted Oct. 21.

Calif., Pasadena — Curbing, guttering, walks and asphaltic concrete paving, etc., Green St., to Griffith Co., Railway Bldg., Los Angeles, approximately $95,720.

Calif., Red Bluff — For 5 in. concrete paving Washington, Pine and Main Sts., to Conners & Hansen, Rosenberg Bldg., Santa Rosa, $26,830. Noted Oct. 21.

Calif., San Diego—Common Council improving C and 28th Sts., to R. E. Hazard Contg. Co., 2528 Kettner Blvd. $39,908. Noted Sept. 30.

Calif., San Diego — Bd. Supervs. San Diego Co., grading, curbing, sidewalks and 2 in. Warrenite on 3 in. asphaltic concrete paving 244,750 sq.ft. streets in Rolando Unit 1, to G. R. Daley, 4430 Boundary St., $186,294.

Calif., San Gabriel — City Trustees, screened rock and oil surfacing 120,203 sq. yd. and oil macadam paving, etc., 112,275 sq.ft. various streets, to W. H. Carter, 727 12th St., Santa Monica. Noted Sept. 23.

Calif., Yreka—For 5 in. concrete paving, etc., Yama St., to A. B. Rilovih, Call Bldg., San Francisco, $25,135. Noted Oct. 21.

B. C., Lytton—Grading, trestles, etc., on 13.3 mi. last section Provincial Highway from Lytton to Spences Bridge, to W. P. Tierney & Co., 736 Granville St., Vancouver, $143,308. Engrs. est. $150,000.

B. C., South Vancouver—City will lay 10 mi. concrete sidewalks on various streets, by day labor, under supervision E. D. Todd, engr., Municipal Hall. $56,000.

Buildings—Commercial

Proposed Work

Vt., St. Albans—ACADEMY—City, c/o chairman Funds Com., plans Bellows Free Academy, on former Bellows Estate. $275,000 donated. Engineer and architect not selected.

Mass., Boston — HOSPITAL — Massachusetts Homeopathic Hospital, 82 East Concord St., having preliminary sketches made by Kendall, Taylor & Co., 142 Berkley St., brick addition. To exceed $150,000.

Mass., Brighton (Boston P. O.)—STATION and WAREHOUSE—Heil Hoist Co., Milwaukee, Wis., having plans prepared by Klug & Smith Co., 69 Wisconsin St., Milwaukee, Wis., 1 story, 21,000 sq.ft. floor space, brick and steel, plain foundation, North Beacon and Market Sts., here.

Mass., Brookline (Boston P. O.)—CLUB—Weld Golf Club, Park Sq. Bldg., Boston, having plans prepared by F. C. Brown, 9 Mt. Vernon Sq., Boston, club, Ashville Rd. $150,000 or more.

Mass., Great Barrington—BANK and STORE—Kellogg Terrace Assn., R. K. Wheeler, mgr., having sketches made by J. McArthur Vance, 28 North St., Pittsfield, 2 story and basement, rein.-con., brick and steel, Main St. $150,000.

Mass., Haverhill — WAREHOUSE — R. Gair Co., 350 Madison Avt., New York City, soon lets contract 1 story, 105 x 285 ft.. brick warehouse. W. Higginson, 15 Park Row, New York City, archt.

Mass., Lexington — MEMORIAL—Town, c/o R. C. Clapp, 50 State St., Boston, having revised plans prepared by Kilham, Hopkins & Greeley, 9 Park St., Boston, Carys Memorial, 2 story and basement, 85 x 155 ft., brick and limestone, Massachusetts Ave. and Plummer St., here. $500,000. Noted Sept. 9.

Mass., Lynn—STORE and OFFICE—H. Goodman, 56 Central Ave., plans 4 story and basement, brick, pl in foundation, Market St. Engineer and architect not selected.

Mass., Marblehead — CLUB — C. H. W. Foster, 50 State St., Boston, having preliminary sketches made by C. G. Loring, 7 Water St., Boston, art club, $150,000.

Mass., Melrose (Ind. br. Boston) — APARTMENT — Clarke & Jenkins, Inc., 247 Elm St., Somerville, having sketches made by W. Littlefield, 9 Hamilton Pl., Boston, 3 story and basement, brick and stone, plain foundation, Main St. near Crystal St., here. $160,000.

Mass., Waltham (Ind. br. Boston)—MEDICAL — Waltham Hospital, H. C. Eaton, chn. building com., 30 Greenwood Lane plans medical unit addition. $150,000 or more. Engineer and architect not selected.

Mass., Watertown (Ind. br. Boston)—THEATRE, STORE and OFFICE—Watertown Community Theatre, c/o T. D. Sotshall, 46 Arlington St., Newton, plans 2 story and basement, brick and steel, 58 Mt. Auburn St., here. $160,000. Engineer and architect not selected.

Mass., Westboro — BANK — Westboro Savings Bank, M. H. Walker, pres., having preliminary plans prepared by J. W. Beals Sons Co., 185 Devonshire St., Boston, 1 or 2 story and basement, brick, steel and stone. $150,000.

Mass., Worcester — HALL — Worcester Horticultural Society, M. Converse, chn.,

Constr. News page 281

Buildings—Commercial (Continued)

having preliminary sketches made by J. D. Leland & Co., Statler Bldg., Boston, horticultural hall, Elm and Chestnut Sts. $200,000.

R. I., Woonsocket — SOCIETY — Loyal Order of Moose 483 having preliminary sketches made by O. Druin, 251 Main St., 2 story and basement, brick addition. $150,000.

Conn., East Hartford (br. Hartford) — THEATRE, STORE and OFFICE—Amusement Realty Corp. had plans prepared by J. Tuck, 31 St. James Ave., Boston, Mass., 2 story, brick and steel, Main and Bissell Sts. $150,000-$200,000.

Conn., Lakeville — HOTEL — Lakeville Realty Co., c/o G. Kingston, archt., 62 Cannon St., Bridgeport, having preliminary plans prepared 4 story, brick and steel hotel. $150,000 or more.

Conn., New Britain—TEMPLE—Masonic Temple Corp., 29 West Main St., S. Raymond, chn. building com., having competitive plans prepared 3 story and basement, Russell St. $150,000 or more. Noted Feb. 25.

Conn., New Haven—APARTMENTS—F. Pannone, 543 Savin Ave., West Haven, had plans prepared by J. Della Valle, 341 State St., 4 story, 52 x 116 ft., brick steel and stone, plain foundation, Chapel St. $150,000.

Conn., New Haven — APARTMENT — I. M. Young, 219 Townsend Ave., had plans prepared by J. Weinstein, Metropolitan Bldg., 3 story, 141 x 162 ft., brick and steel, incl. elevator, refrigerating system, etc., Elm St. $300,000.

Conn., New Haven—APARTMENT—S. Bernstein, c/o H. Cannici, archt., 59 Center St., had plans prepared 2 story, 165 x 174 ft., brick, steel and stone, Prospect St. $200,000.

Conn., New Haven — OFFICE and STORE—Liggetts Drug Stores, c/o Brown & Von Beren, archts., Chamber of Commerce Bldg., having plans prepared 15 story, brick and steel, Chapel and Church Sts. $150,000.

Conn., New Haven — OFFICE — New Haven Water Co., 100 Crown St., plans modern office building, Church St. $150,000 or more. Engineer and architect not selected.

Conn., Stamford — BANK — First Natl. Bank, 303 Main St., C. W. Bell, pres., plans new bank, Atlantic and Broad Sts. To exceed $150,000. Engineer and architect not selected.

N. Y., Albany—OFFICE—State Office Site & Building Comn., Executive Chamber, Capitol, takes bids in December, for superstructure and foundations for State Office Building. S. W. Jones, Capitol, state archt. Noted Apr. 22.

N. Y., Binghamton—STAFF BUILDING, etc.—State Hospital Comn., Capitol, Albany, plans staff building and employees home at Binghamton State Hospital, here. S. W. Jones, Albany, state archt.

N. Y., Brooklyn — APARTMENT — Montague Terrace Corp., c/o J. B. Snook & Sons, archts., 52 Vesey St., New York City, having plans prepared 11 story, brick, steel and stone, plain foundation, incl. 4 electric elevators, Montague Terrace, here. $800,000.

N. Y., Brooklyn — APARTMENT — M. Hassam, c/o Magnuson & Kleinart, archts., 250 Madison Ave., New York City, having plans prepared brick, steel and stone, plain foundation, 3rd Ave. and 84th St., here. $150,000.

N. Y., Brooklyn — APARTMENT — S. Stein, c/o L. Steinart, archt., 194 Bowery, New York City, having plans prepared 6 story, brick, steel and stone, plain foundation, Avenue H, here. $225,000.

N. Y., Brooklyn — THEATRE — Hawthorne Amusement Corp., 1540 Bway., New York City, M. Loew, pres., having plans prepared by H. G. Wiseman, 25 West 43rd St., New York City, brick, steel and stone, plain foundation, 86th St., here. $250,000.

N. Y., Brooklyn—THEATRE and STORE—Laemmle Building Corp., 730 5th Ave., New York City, soon takes bids 2 story, brick, steel and stone, plain foundation, New Utrecht Ave. and 46th St. $1,000,000. H. Robins Burrought Inc., 70 East 45th St., New York City, engrs. and archts.

N. Y., Buffalo—OFFICE—W. J. Connors, 25 Main St., having plans prepared by A. Bossom, 680 5th Ave., New York City, brick, steel and stone, plain foundation, Niagara Sq., here. $1,000,000. Noted Feb. 4.

N. Y., New York—HOSPITAL—State Hospital Comn., Albany, takes bids in November, Psychiatric Hospital, here. J. W. Jones, Albany, state archt. Noted May 13.

Constr. News page 282

N. Y., New York—OFFICE—H. H. Uris, 533 West 26th St., having plans prepared by Buchman & Kahn, engrs. and archts., 49 West 45th St., 21 story, brick, steel and stone, plain foundation, 60 Broad St. $2,500,000.

N. Y., Ossining—ADMINISTRATION, etc.—Supt. Prisons, Capitol, Albany, takes bids in November, administration and assembly hall, 2 cell blocks, etc., at Sing Sing Prison, here. S. W. Jones, Capitol, Albany, state archt. Noted May 27.

N. Y., Rome—DORMITORY—State Supt. Purchase, Capitol, Albany, takes bids probably in January, dormitory building, etc. for State School of Mental Defectives, here. S. W. Jones, Albany, state archt.

N. Y., St. George—BANK and OFFICE—Amer. Trust Co., and New York Title and Mortgage Co., 135 Bway., New York City, soon takes bids 12 story, brick, steel and stone, plain foundation, Bay St. $750,000. H. S. Luckman, 135 Bway., New York City, archt. Noted Oct. 7.

N. Y., Thiells—DORMITORIES—State Hospital Comn., Capitol, Albany, takes bids in January, adult male dormitories, attendents homes and service building at Letchworth Village. S. W. Jones, Albany, state archt.

N. J., Elizabeth—HOTEL—Chamber of Commerce Hotel Corp., A. J. David, pres. plans hotel, here. $1,500,000. Engineer and architect not selected.

Pa., Phila.—APARTMENT—F. J. Orland, 3812 North 16th St., having plans prepared by J. E. Feldstein, Otis Bldg., 3 story and basement, 59 x 172 ft., rein.-con., brick and steel, plain foundation, 360 East Tulphocken St.

Pa., Phila.—GARAGE—Hoffman-Henon Co., archts., Finance Bldg., soon lets contract 3 story and basement, 108 x 114 ft., rein.-con. and brick, plain foundation, Juniper and Cherry Sts., for Mastbaum Bros. & Fleisher, 1432 South Penn St.

Pa., Pottstown—HOTEL and THEATRE—J. Patts Realty Co., c/o Fried & Fishman, 262 South 17th St., plans 4 story and basement hotel and theatre, 1,500 seating capacity. Engineer and architect not selected.

Ky., Louisville — APARTMENT—Hampton Realty Co., Kenyon Bldg., having plans prepared by Moosmiller & Johnson, Kenyon Bldg., 8 and 9 story and basement, 65 x 200 ft., rein.-con. and brick, 2nd and York Sts. $600,000.

O., Cincinnati—OFFICE—W. Lucking, Broadway Hotel, having plans prepared by H. Hake, Gilbert Ave., 20 story and basement, 33 x 100 ft., rein.-con. and brick, plain foundation, 5th and Walnut Sts. $1,000,000.

O., Cleveland—CLINIC—Hospital Clinic, c/o A. L. Slotter, 8803 Euclid Ave., having plans prepared by W. S. Lougee, 500 Marshall Bldg., 4 story and basement, 75 x 75 ft., brick, steel and concrete, 8803 Euclid Ave. $150,000.

O., Cleveland—SALES and SERVICE—Packard Motor Car Co., Detroit, Mich., purchased site and plans 2 story, 115 x 130 x 165 ft., brick, steel and concrete 93rd St. and Carnegie Ave. A. Kahn, Marquette Bldg., Detroit, Mich., archt.

O., Cleveland — SHOW and SALES ROOM—Bway. Buick Co., R. N. Watson, pres., 8818 Bway., had plans prepared by Christian, Schwarzenberg & Gaeda, 1900 Euclid Bldg., 1 story, 57 x 215 ft., brick and steel, incl. steam heating, Bway. $150,000.

O., Columbus—RESTAURANT—Howell & Thomas, archts., Cleveland, soon lets contract 2 story and basement, 93½ x 187½ ft., brick, concrete and terra cotta, East Broad St., for Maramor Co., 112 East Broad St. $150,000. Noted Sept. 16.

O., Dayton—THEATRE and STORE—West Side Amusement Co., J. Winters, pres., South Jefferson St., having plans prepared by F. S. Hughes, U. B. Bldg., 2 and 3 story, 100 x 140 ft., rein.-con., brick and steel, plain foundation, 5th and Williams St. $150,000.

O., Toledo—STATION, etc.—New York Central R.R. Co., 466 Lexington Ave., New York City, G. W. Kittredge, ch. engr., having preliminary plans prepared by Fellheimer & Wagner, 155 East 42nd St., New York City, Union Station and railroad yards, here.

Ind., Gary — HOTEL — E. A. Barger, having plans prepared by L. H. Warriman, Gary, Beach Hotel, 6 story and basement, brick and steel, near Lake Shore west of Lake Ave. $1,000,000.

Mich., Grosse Pointe Farms (mail Grosse Pointe) — HOSPITAL — Mutual Aid & Neighborhood Club, M. W. Sayles, pres., 17743 Jefferson Ave., plans 3 story and basement, rein.-con., brick and steel, plain foundation, incl. steam heating system, Provincial Blvd. $250,000. Engineer and architects names withheld.

Ill., Chicago — APARTMENT — H. De Camp, c/o A. McAnsh, 208 South La Salle St, plans 18 story, 75 x 240 ft. apartment, 5831 Sheridan Rd. $2,000,000.

Ill., Chicago—APARTMENT—Hoops & Janusch, archts., 849 North State St., preparing plans and takes bids about Nov. 11, 8 story and basement, 50 x 125 ft., brick and terra cotta, 735-37 Junior Terrace, for G. Abelio, 4554 Bway. Archts. est. $411,000.

Ill., Chicago—GARAGE—A. S. Alschuler, archt., 28 East Jackson Blvd., soon lets contract 1 story, 200 x 300 ft., brick and terra cotta, 4015-31 Wentworth Ave., for Hartman Furn. & Carpet Co., 4015 Wentworth Ave.

Ill., Palatine — CLUB HOUSE — Bogey Lee Country Club, c/o J. H. Klafter, 127 North Dearborn St., Chicago, and takes bids about Nov. 11, 2 story and basement, 75 x 150 ft., timber, Dundee Rd., here. $150,000.

Ill., Rockford—INFIRMARY—Municipal Sanitorium having plans prepared by Bradley, 520 Brown Bldg., 2 story and basement, 36 x 162 ft., brick and concrete infirmary.

Ill., Rockford — OFFICE — Bradley & Bradley, archts., 520 Brown Bldg., takes bids about Mar. 1, 7 story and basement, 65 x 88 ft., concrete, brick, steel and tile, Myman and Chestnut Sts., for Brown Building Co., A. Mead, pres. c/o architects. $250,000.

Ill., Wilmette—CLUB—Vista del Lago, 936 North Michigan Ave., Chicago, had plans prepared by Thielbar & Fugard, 219 East Superior St., Chicago, and soon takes bids 3, 5 and 7 story, 353 x 500 ft., rein.-con., brick, stone and terra cotta, incl. 500 ft. esplanade, patio, terrace garage, roof garden, theatre, bath houses, swimming pool, hand ball courts, etc., Sheridan Rd. and Lake Front, near here. $1,500,000.

Wis., Madison—GARAGE and REPAIR SHOP—Madison Overland Co., East Washington Ave., plans rein.-con., brick and steel, plain foundation, $150,000. Engineer and architect not selected.

Wis., Madison—THEATRE—C. W. and G. L. Rapp, archts., 190 North State St., Chicago, Ill., soon lets contract 3 story and basement, 120 x 132 ft., rein.-con., brick, steel and cut stone, plain foundation, here, for New Capital Investment Co., Madison. $750,000. Tiborman & Hern, 190 North State St., Chicago, Ill., engrs.

Wis., Milwaukee—APARTMENT HOTEL—A. J. Kenney, archt., 583 Jefferson St., takes bids about Nov. 1, 6 story and basement, 80 x 95 ft., brick and steel, plain foundation. East Side, for I. H. Benesch, 583 Jefferson St. $250,000. Noted Sept. 30.

Wis., Milwaukee—STORE—Tharinger & Bruecker, archts., 496 Cramer St., rejected bids Sept. 21, 3 story and basement, 75 x 130 ft., brick, tile and concrete, plain foundation, Green Bay Ave., for H. P. Haushalter, 1448 Green Bay Ave. $150,000. Will readvertise. Noted Sept. 16.

Wis., Monroe — THEATRE — Fischer Paramount Theatre Co., State St., Chicago, Ill., plans rein.-con., brick and steel, plain foundation, $150,000. Engineer and architect not selected.

Wis., Sheboygan—OFFICE — Sheboygan County, G. W. Lebermann, chn. bldg. comn., 624 New York Ave., plans 2 story and basement, rein.-con., brick and stone, plain foundation, $150,000. Engineer and architect not selected.

Wis., Wausau — BUSINESS — Wisconsin Valley Electric Co., 206 3rd St., plans 4-8 story, 90 x 104 ft. building, 4th and Jefferson Sts. Engineer and architect not selected.

Mo., St. Louis—APARTMENT — Local Syndicate c/o Gordon-Horen Realty Co., 619 Chestnut St., plans 150 x 150 ft., rein.-con., brick, stone and terra cotta apartment, Delmar and Grand Blvds. $1,000,000.

Mo., St. Louis—MORGUE—See "Buildings—Industrial."

Mo., St. Louis—OFFICE—Bd. Educ., 911 Loeust St., having plans prepared rein.-con., brick and stone, Grand Blvd. To exceed $150,000. R. M. Milligan, comr.

Mo., St. Louis—THEATRE and OFFICE—W. Fox Film Co., 55th St. and 10th Ave., New York City, N. Y., takes bids after Nov. 1, 15 story, mezzanine, balcony and basement, 244 x 360 ft., rein.-con., brick, steel and terra cotta, incl. heating and ventilating system, Grand and Washington Blvds. $5,000,000. C. H. Crane, E. G. Kiehler & B. A. Dore, 400 Huron Bldg., Detroit, Mich., archts. Noted July 29.

Ark., Hot Springs — HOSPITAL — H. P. Hess, archt., 1237 North Taylor St., St. Louis, Mo., soon lets contract 5 story and basement, 40 x 272 ft., and 50 x 150 ft., with two 1 story wings, rein.-con., brick

Buildings—Commercial (Continued)

and steel, here, for Sisters of Mercy Hospital. C. A. Callahan chn. $750,000.

Tex., Beaumont — CITY HALL and AUDITORIUM—Voted $300,000 bonds city hall and auditorium. R. C. Black, city engr. Noted Oct. 7.

Tex., Beaumont — FIRE STATION — Voted $150,000 bonds, central fire station. R. C. Black, city engr. Noted Oct. 14.

Tex., San Antonio — HOTEL — Woods Properties Corp., c/o H. O. Wood, Travis Bldg., having plans prepared by Kelwood Co., c/o Travis Bldg., 12 story and basement, rein.-con., brick and stone, incl. 3 elevators, Martin & Navarro Sts. $500,000.

Wash., Port Angeles — LODGE — J. C. Stanley, archt., White Bldg., takes bids about Dec. 12, 4 story and basement, 90 x 100 ft., concrete, brick and stone, here, for B. P. O. E. No. 353. $150,000. Noted June 17.

Ore., Portland — APARTMENT — T. C. Diamond, archt., Astoria, prepared plans apartment, 28th St. and Sandy Blvd. $600,000. Owner's name withheld.

Calif., Bakersfield — HOTEL — Hotel El Tejon, 1675 K St., making plans, fireproof hotel, addition, K St. $250,000.

Calif., Culver City—CITY HALL—Plans election $150,000 bonds, city hall.

Calif., Long Beach—HOTEL—E. M. and W. and G. Billings, having plans prepared by W. H. Austin, Pacific South West Bank Bldg., 12 story and basement, 60 x 107 ft., rein.-con., and terra cotta, incl. 3 elevators and steam heating system, Ocean Blvd. and Chestnut Ave. To exceed $150,000.

Calif., Los Angeles—A[illegible]RTMENT—E. Small, 6331 Hollywood Blvd. purchased site and plans apartment on 165 x 200 ft. site, Rossmore Ave. $750,000. Engineer and architect not selected.

Calif., Los Angeles—CLUB—"233-Club," Guaranty Bldg., Hollywood, having plans prepared by Walker & Eisen, Western Pacific Bldg., 12 story, 90 x 140 ft., rein.-con., steam heating, elevators, swimming pool, Hollywood Blvd. and Vine St. $1,500,000.

Calif., Los Angeles—CLUB—South California Athletic and Country Club, Consolidated Bldg., takes bids about Nov. 1st, 13 story and basement, 135 x 210 ft., rein.-con. and steel, Wilshire Blvd. between Cornoado and Carondelet Sts. To exceed $1,100,000. Meyer & Holler, Wright-Callendar Bldg., archts. Noted Oct. 14.

Calif., Los Angeles—GARAGE—Chapman Bros., 3469 West 6th St. soon take bids, 6 story, 90 x 275 ft., rein. con., 2 elevators, West 6th St. $300,000. Noted Aug. 19.

Calif., Los Angeles — GARAGE and STORE — May Co., 800 Hill St., having plans prepared by Curlett & Beelman, 408 Union Bank Bldg., 4 story and 3 basements, 145 x 153 ft., rein.-con. and steel, incl. 2 elevators, 9th and Hill Sts. $500,000.

Calif., Los Angeles — HOTEL — Troyer Bros., 812 Kilkea St., had plans prepared by S. C. Lee, Petroleum Security Bldg., 3 story, 50 x 240 ft., brick, steel and stone, incl. automatic elevator, Meltrose Ave., $250,000.

Calif., Los Angeles — OFFICE — Los Angele County Medical Assn., c/o Parkinson & Parkinson, archts., Title Insurance Bldg., had plans prepared, 13 story and basement, 120 x 150 ft., brick, steel and terra cotta, Wilshire Blvd. and Westlake Ave. $1,000,000 or more.

Calif., Los Angeles—THEATRE—United Artists Corp., 922 South Olive St., having plans prepared fireproof theatre. $1,000,000.

Calif., San Francisco—APARTMENT—W. L. Penziner, 747 Geary St., having plans prepared by W. L. Schmolle, 519 California St., 7 story and basement, rein.-con., elevator, incinerator, steam heating, Jackson St. near Buchanan St. $150,000.

Calif., San Franiseo—APARTMENTS—Stock, Maas & Sauer, c/o A. H. Larsen, archt., 447 Sutter St., having plans prepared three 5 story and basement and subbasement, brick and steel, with automatic elevator, etc., Clay St. west of Van Ness Ave. $70,000 each.

Calif., San Francisco—APARTMENTS—M. Andresen and C. Byrnes, c/o W. L. Schmolle, archt., 519 California St., having plans prepared, two 11 story and basement apartments, with electric passenger and service elevators, garbage incinerators, ice making machines, steam heating, etc., Vallejo St. near Gough St.

Calif., San Francisco—COTTAGES—See "Contracts Awarded under Unclassified."

Calif., San Francisco—HOTEL—L. B. Ham et al., 105 Montgomery St., plans Class A hotel, Ellis St. between Stockton and Powell Sts. To exceed $1,000,000. Engineer and architect not selected.

Calif., San Francisco — HOTEL and GARAGE — O. E. Morris, 775 Post St., plans 15 story and basement, 109 x 137½ ft., fireproof hotel with 100 car capacity garage, Pacific Ave. near Gough St. $1,000,000.

Calif., San Francisco—MEMORIAL—San Francisco War Memorial Committee, War Memorial Drafting Bureau, A. Wagstaff, 381 Bush St., in charge, making plans first unit opera house, Civic Center Territory, $2,000,000 ultimate cost $3,000,000 or more.

Calif., San Jose—BANK and OFFICE—L. H. Nishkian, 525 Market St., San Francisco, having plans prepared by F. H. Meyer & A. Johnson, 742 Market St., and H. H. Winner Co., associated archts., 55 New Montgomery St., San Francisco, 9 story and basement, brick and terra cotta, incl. 4 elevators, 1st and Santa Clara Sts. $500,000. Noted Aug. 19.

Calif., Santa Monica—HOTEL—Interests headed by E. B. Conliss, 1251 Ocean Ave., plans Palisades Hotel, Ocean Ave. $1,200,000.

Calif., Santa Monica — STORE, OFFICE and LOFT — H. Weiner, c/o F. H. Webster, archt., Hollywood Guaranty Bldg., Los Angeles, had plans prepared, 4 story, brick office and 50 x 100 ft. store and loft, with electric elevator. Wilshire Blvd., here, $150,000.

Calif., Stockton—MEMORIAL—San Joaquin Co. plans election $245,000 bonds, 5 memorial club buildings, in various sections of county.

Mexico, Tia Juana—CLUB—La Paloma Country Club, G. F. Harris, secy., having sketches made by G. Verge, 700 Petroleum Securities Bldg., Los Angeles, Calif., club house, at Hot Springs, here.

Ont., Toronto—OFFICE—Central Sites Development Co., Bloor and Bay Sts., having plans prepared 12 story and basement, rein.-con., brick, steel and wood, plain foundation, incl. elevators and steam heating system, Bloor St. W. and Balmuto St. $1,000,000. F. G. Engholm, 56 Huntley St., engr.

B. C., Vancouver—CLUB-HOTEL—E. R. Sly and associates, c/o R. B. Stacey-Judd, associated archt., 6030 Hollywood St., Los Angeles, Calif., and McCarter & Nairne, archts., 509 Richards St., having plans prepared 4 story, 300 x 350 ft., rein.-con., terra cotta and tile, Beach Ave., here. $750,000.

BRIDGE—NEW YORK AND NEW JERSEY

Bids were opened at office of chief executive officer, Port of New York Authority, 75 West St., New York, July 21, for substructure Elizabeth-Howland Hook Bridge, Contract No. EH-1A, Elizabeth Approach and River Pier, (A) Triest Contracting Corp., 128 West 59th St., New York (awarded contract); (B) P. J. Carlin Construction Co.; (C) O'Niell Co.; (D) Frederick Snare Corp.; (E) Stillman, Delhanty, Ferris. Contract No. EH-1B, Howland Hook Approach and River Pier, (A) Frederick Snare Corp., (awarded contract); (B) Triest Contracting Co.; (C) Stillman, Delhanty, Ferris. Contract No. EH-2, entire bridge superstructure, bids opened Aug. 24, (A) Bethlehem Steel Co., 25 Bway., New York, (awarded contract); (B) American Bridge Co.; (C) McClintic-Marshall Co.; (D) Phoenix Bridge Co. The unit bids are as follows:

Contract EH-1A

	A	B	C	D	E
2,500 cu.yd. earth excavation for piers A and B	$28.00	$20.00	$11.50	$15.00	$30.00
2,100 cu.yd. rock excavation for piers A and B	13.00	28.00	14.85	24.00	140.00
13,200 cu.yd. excavation for approach piers	12.00	19.00	6.30	11.00	30.00
14,900 cu.yd. concrete in bases	14.50	13.00	13.20	29.00	25.00
5,000 cu.yd. concrete in plinths	17.00	16.00	16.95	17.00	22.00
160 cu.yd. granite facing	90.00	180.00	80.00	100.00	100.00
4,100 cu.yd. concrete in shafts of Piers A and B	20.00	22.00	58.00	26.00	40.00
7,200 cu.yd. concrete in shafts of approach piers	28.00	27.00	36.50	31.00	26.20
900,000 lbs. reinforcing steel	.05	.05	.06½	.05	.13½
Setting anchorage (lump sum)	12,000.00	22,000.00	2,500.00	5,000.00	3,825.00
Removing debris (lump sum)	35,000.00	2,100.00	2,500.00	4,000.00	30,000.00
Extended totals	$946,750	$996,000	$1,001,425	$1,150,000	$1,771,465

Contract EH-1B

	A	B	C
13,100 cu.yd. excavation for approach piers	$9.20	$12.00	$12.00
110,000 lin.ft. timber foundation piles	.65	1.00	1.25
14,000 lin.ft. foundation pile cut-offs	.65	.30	1.25
5,200 cu.yd. mass in base of pier C	63.00	58.00	70.00
2,500 cu.yd. mass in base of pier D	63.00	53.00	61.50
9,400 cu.yd. concrete in bases of approach piers	23.00	15.00	25.00
4,400 cu.yd. concrete in plinths	17.00	19.00	25.00
160 cu.yd. granite facing	100.00	90.00	100.00
4,100 cu.yd. concrete in shafts of piers C & D	24.00	23.50	60.00
6,400 cu.yd. concrete in shafts of approach piers	30.00	30.00	45.00
1,200,000 lb. reinforcing steel	.05	.05	.20
Setting anchorage (lump sum)	5,000.00	12,000.00	2,900.00
Removing debris (lump sum)	2,000.00	11,900.00	40,500.00
Extended totals	$1,350,620	$1,316,750	$2,018,350

Contract EH-2

	A	B	C	D
3,400,000 lb. structural carbon steel members and cast steel in Main River bridge, in place, painted	$0.0788	$0.0895	$0.0861	$0.1104
5,800,000 lb. structural silicon steel members in Main River bridge including carbon steel rivets and detail parts theron in place, painted	.0889	.0995	.0891	.1188
16,000,000 lb. structural steel and cast steel in both approaches in place painted as specified	.0610	.0555	.0652	.0652
280,000 lb. silicon steel main girders in approaches including carbon steel rivets and detail parts, in place, painted	.0700	.0700	.0712	.0821
14,140 lin. ft. railing on Main River bridge and both approaches exclusive of light posts, in place, painted	7.350	7.85	7.50	8.60
Removing debris and cleaning up site (lump sum)	5,200.00	.....	6,500.00	10,000.00
Extended totals	$1,888,269	$1,899,999	$1,985,206	$22,621,192

Mass., Boston—HOSPITAL—See "Contracts Awarded."

Mass., Boston—STORE and OFFICE—See "Contracts Awarded."

Mass., Brighton (Boston P. O.)—STORE and OFFICE—See "Contracts Awarded."

Mass., Lawrence—STORE and APARTMENT—F. Lord, c/o Ashton, Huntress & Alter, archts., 477 Essex St., taking bids 3 story and basement, brick and stone, plain foundation, Margue St. $150,000. Noted Oct. 14.

Mass., Revere (Boston P. O.)—APARTMENT—See "Contracts Awarded."

Mass., Somerville (Boston P. O.) — WHOLESALE GROCERY PLANT—Nov. 9, by Monks & Johnson, 99 Chauncy St., Boston, 1 and 2 story, 500,000 sq.ft. floor

Bids Desired

Me., South Windham—REFORMATORY—See "Contracts Awarded."

Constr. News page 283

Buildings—Commercial (Continued)

space, rein.-con. and brick, plain foundation, Mystic and Middlesex Aves., for First Natl. Stores, Inc., M. O'Keefe, pres. $2,000,000. McCormack Co., 121 South Negley Ave., Pittsburgh, Pa., archts. Noted Oct. 7.

Conn., Plainville — THEATRE, STORE and APARTMENT — G. Zunner, archt., 182 High St., Hartford, taking bids 2 story, 130 x 130 ft., brick, steel, limestone and marble, plain foundation, West Main St., here, for Sequassen Corp., Inc. $200,000. Noted Sept. 16.

Pa., Connellsville—HOSPITAL—Nov. 14 (extended date), by Connellsville Hospital Assn. and H. C. Frank, archt., 2nd Natl. Bank Bldg., 3 story and basement, approximately 130 x 200 ft., brick, stone and steel, Prospect Ave. $500,000. Noted June 3.

Pa., Phila.—APARTMENT—See "Contracts Awarded."

Pa., Phila.—HOUSE of CORRECTION—Oct. 30, by Director Pub. Welfare, City Hall, 50 x 140 ft. administration building, 50 x 325 ft. main building both 2 story and basement; 2 story, 48 x 160 ft. boiler house, 54 x 110 ft. dining room 45 x 110 ft. kitchen and 50 x 150 ft. receiving building, all 1 story and basement, also 50 x 80 ft. wing, stone and steel, plain foundations, Holmesburg St. P. H. Johnson, Widener Bldg., archt. Noted Sept. 23.

Pa., Pittsburgh — APARTMENT — See "Contracts Awarded."

Pa., Pottsville—HOTEL—Day & Zimmermann, engrs. and constr. mgrs., 1600 Walnut St., Phila., taking sub-bids 9 story and basement, 125 x 200 ft., rein.-con., brick and steel hotel, plain foundation, here, for Pottsville Community Hotel, Inc. $700,000. Noted Sept. 9.

Md., Baltimore—OFFICE—Nov. 10, by Bd. Awards, 13 story 149 x 208 ft., rein.-con., brick and steel, incl. heating and ventilating system, Holliday, Lexington and Guilford Aves. $1,600,000. H. Massart, 328 North Charles St., engr. W. H. Emory, 18 East Lexington St., archt.

O., Cleveland—STORE and THEATRE—Greenwald & Stecker, Society for Savings Bldg., taking bids 1 story, 100 x 150 ft., brick, steel and concrete, East 114th St. and Union Ave. $150,000. N. Petti, Williamson Bldg., archt. Noted Sept. 30.

Ill., Chicago—APARTMENT—Nov. 10, by Friedman Constr. Co., 105 North Clark St., 6 story and basement, 55 x 175 ft., rein.-con. and stone, incl. 2 elevators, 5218 Kenwood Ave. $400,000. Bids on separate contracts. T. R. Bishop & Son, 35 South Dearborn St., archts.

Ill., Chicago—APARTMENT—S. Minchin, archt., 53 West Jackson St., taking bids 8 story and basement, 60 x 151 ft., brick and stone, Hyde Park Dist., for Blackstone Building Corp., c/o architects. $600,000.

Ill., Chicago—POLICE STATION—Nov. 16, by Dept. Pub. Wks., Room 406, City Hall, steel work, castings, etc., for Police Station and Courts Building, 1121-1131 South State St. A. A. Spargue, comr. Noted Sept. 3, 1925.

Ill., Decatur — OFFICE and POWER HOUSE—See "Contracts Awarded."

Wis., Kenosha — APARTMENT — A. H. Kenney, archt., 583 Jefferson St., Milwaukee, taking bids brick, tile and concrete, plain foundation, here, for I. H. Benesch, 583 Jefferson St., Milwaukee. $150,000.

Wis., Oshkosh—THEATRE and BUSINESS—Wolff & Ramsthal, archts., 453 Mitchell St., Milwaukee, taking bids terra cotta for 3 story and basement, 110 x 215 ft., rein.-con., brick and terra cotta, plain foundation, Main St., for Fischer-Paramount Theatres 36 South State St., Chicago, Ill. $300,000. Noted Sept. 2.

Minn., Duluth—CLINIC—Nov. 20, by T. W. Wahl, Lonsdale Bldg., superstructure 3 story, 100 x 140 ft., rein.-con., brick and tile, plain foundation, 2nd St. at 2nd Ave. W.; foundation and basement awarded to Jacobson Bros., Columbia Bldg. Archts. total est. $200,000. C. W. Agnew, Bradley Bldg., archt. and engr. Noted Aug. 12.

Ark., El Dorado—COURT HOUSE—Nov. 15, by Union Co., C. H. Murphy, chn. bd., 4 story and basement, 90 x 140 ft., rein.-con. and stone, incl. steam heating, etc. $725,000. Mann & Stern 705 A. O. U. W. Bldg., Little Rock, archts. Noted Sept. 23.

Tex., Beaumont—THEATRE—Nov. 6, by Jefferson Amusement Co., c/o J. C. Clements, (general bids from selected list of bidders) 6 story and basement, 80 x 150 ft., tile, marble, rein.-con., and steel, plain foundation, Fannin St. between Pearl and Orleans Sts. $500,000. Separate bids on

Constr. News page 284

wiring, ventilating, refrigerating, elevators, decorating and sprinkler system. E. Weil Inc., Whitney-Central Annex New Orleans, La., archts. Noted Oct. 7.

Tex., Houston—JAIL and CRIMINAL COURT—Nov. 8, by Harris Co., H. L. Washburn, auditor, jail and criminal courts building, Capital Ave. and Bagby St. $600,000 bonds voted. J. R. Bailey, J. Finger, Hedrick & Gottlieb, H. F. Jones & Tabor and H. A. Overbeck, archts. Noted June 10.

Calif., Oakland — APARTMENT — See "Contracts Awarded."

Calif., San Diego—CLUB—W. Wheeler, archt., Spreckels Bldg., taking bids 8 story and basement, rein.-con., 6th and A Sts., for San Diego Athletic Club. To exceed $400,000. Noted Jan. 7.

Calif., San Francisco—APARTMENT—See "Contracts Awarded."

Calif., Santa Barbara—COURTHOUSE—Nov. 15, by C. A. Hunt, clk. Santa Barbara Co., stone and concrete courthouse. $150,000 or more. W. Mooser, Nevada Bank Bldg., San Francisco, archt. Noted Oct. 28.

Calif., Santa Monica—CLUB—See "Contracts Awarded."

Calif., Visalia—HOSPITAL and POWER HOUSE — Nov. 23, by G. Stewart, clk. Tulare Co., fireproof, incl. refrigerating plant and elevators. To exceed $150,000. Kump & Johnson, Rowell Bldg., Fresno, archts.

Bids Received

Wis., Waupun—CITY HALL—R. Zimmermann, city clk., Oct. 15, 2 story and basement, 106 x 108 ft., brick and concrete, plain foundation, from E. Wolden, Menomonie, $108,686. Noted Sept. 30.

Minn., St. Paul—HOSPITAL—Children's Hospital Assn., c/o W. H. Ramsey, 459 Lowry Bldg., Oct. 5, general contract, 4 story and basement, rein.-con., brick and stone, from E. Bjorklund, 914 Builders Exch. Bldg. Archts. est. $250,000. Noted Sept. 30.

Calif., Oakland — HOSPITAL — E. W. Cannon, archt., 1924 Bway., 2 story, steel and brick, 51st and Dover Sts., from Dinwiddie Constr. Co., Crocker Bldg., San Francisco, approximately $250,000.

Contracts Awarded

Me., Lewiston — APARTMENT—Higgins Bros., 363 Main St., 4 story and basement, brick, plain foundation, Main and Holland Sts., to Naugler Bros., 97 Main St., Brunswick. Archts. est. $150,000. Noted Sept. 16.

Me., South Windham—REFORMATORY—State, Pub. Buildings Dept., Augusta, will build 3 story and basement, irregular shaped rein.-con., brick and stone, plain foundation, by day labor, under supervision Webster & Libby, archts., 11 Exchange St., Portland, $150,000.

Mass., Boston—APARTMENT—Investors Securities Trust, 50 State St., 8 story and basement, 35 x 105 ft., brick and steel, plain foundation, 192 Commonwealth Ave., to F. T. Ley Co., 230 Boylston St. Archts. est. to exceed $150,000. Noted Oct. 7.

Mass., Boston — HOSPITAL — Massachusetts General Hospital, Fruit St., will build 5 story and basement, 60 x 80 ft., brick, plain foundation, Fruit St., by day labor. A. F. Lootz in charge. $175,000-$200,000. Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., archts. Noted Apr. 15.

Mass., Boston—STORE and OFFICE—Simons & Weiner, 2 Mascoma St., Dorchester, will build 3 story and basement, brick and stone, plain foundation, Washington St. corner Kenwood St. $150,000. Work will be done by separate contracts. Private plans.

Mass., Brighton (Boston P. O.)—STORE and OFFICE—J. J. Prindiville, Framingham, will build 3 story and basement, brick and steel, plain foundation, Harvard and Brighton Aves., here. $155,000. Work will be done by separate contracts. Private plans.

Mass., Brighton (Boston P. O.)—STORE and OFFICE—J. Stepanian, c/o H. G. Sidebottom, archt., 10 Tremont St., Boston, altering and constructing 3 story and basement, brick addition, Beacon St. and Cleveland Circle, here, to J. E. L. McLean Co., 15 Exchange St., Boston. Archts. est. $150,000. Noted Oct. 21.

Mass., Brookline (Boston P. O.)—STORE and OFFICE—Gorfinkle & Barkins, 294 Washington St., Boston, 3 story and basement, 55 x 150 ft., brick and stone, plain foundation, Harvard and Longwood Aves., to N. Hutwitz, 294 Washington St., Boston. Archts. est. $150,000. Noted Oct. 21.

Mass., Cambridge (Boston P. O.)—STORE and SALESROOM—Harvard College, 5 story and basement, 80 x [illegible] ft., brick, plain foundation, Massachusetts Ave. and Douglas St., to W. H. Whitcomb Constr. Co., 6 Beacon St., Boston. Archts. est. $200,000. Mollers, Inc., Massachusetts Ave. and Main St., lessee. Noted Oct. 7.

Mass., Lowell—OFFICE—Lowell Electric Light Corp., 29 Market St., 4 story and basement, brick and steel, plain foundation, Market St., to D. H. Walker, 17 Thorndike St. Archts. est. $150,000. Noted Oct. 7.

Mass., Revere (br. Boston) — APARTMENT—Brown & Galaid, 56 Thornton St., will build 3 story and basement, 85 x 115 ft., brick and stone, plain foundation, Nathan Ave. near Shirley Ave. $150,000. Work will be done by separate contracts. Schein & Levine, 448 Bway., Chelsea, archts. Noted Oct. 21.

Conn., New Haven — FRATERNAL — Beta Theta Psi, brick and stone, York St., to Dwight Building Co., 69 Church St. Archts. est. $150,000 or more. Noted Sept. 30.

Conn., West Hartford (br. Hartford)—APARTMENT—L. Bell, 56 Boulanger Ave., will build brick, stone and steel, Farmington Ave. $150,000. G. Zunner, 182 High St., Hartford, archt. Noted Sept. 16.

N. Y., New York — APARTMENT — Samsol Realty Corp., c/o H. I. Feldman, archt., 415 Lexington Ave., will build 6 story, brick, steel and stone, plain foundation, Grand Concourse, by day labor. $350,000.

N. Y., New York — APARTMENT — Fourth Garden Plan Corp., 385 Madison Ave., K. P. Walker, pres., 15 story, brick, steel and stone, plain foundation, incl. 4 electric elevators, 327 East 57th St., to J. K. Turton Co., Inc., 101 Park Ave. Archts. est. $650,000.

N. Y., New York — APARTMENTS — Lenral Holding Co., H. S. Schacht, pres., c/o G. G. Miller, archt., 482 Bway., will build two 6 story, 88 x 110 ft., brick, steel and stone, plain foundation, Bryant Ave. $250,000 each. Work will be done by separate contracts under architect's supervision.

N. Y., New York—OFFICE—Owner, c/o P. G. Stadler, archt., 16 East 43rd St., 7 story, brick, steel and stone, plain foundation, incl. 2 electric elevators, 3rd St., to Niewenhous Co., Inc., 16 East 43rd St. Archts. est. $300,000.

N. Y., Syracuse—OFFICE—Rando Realty Corp., 34 Nassau St., New York City, J. J. Banker, 22 story, brick, steel and stone, plain foundation, Genessee and Water St. to J. H. Taylor Constr. Co., 31 Union St., New York City. Engrs. est. $1,000,000.

N. Y., Westbury — THEATRE and APARTMENTS — Westbury Theatre Corp., J. R. Hill, pres. brick, steel and stone, plain foundation, Post Ave. to A. B. Whitney, Grand Central Terminal New York City. Engrs. est. $250,000.

N. J., Plainfield — FIRE HEADQUARTERS—City Council, general contract 2 story brick and steel, to A. C. Windsor, 263 Washington St., Newark, $176,990. Noted July 29.

N. J., Union — THEATRE — J. Stern Theatrical Enterprises, c/o W. E. Lehman, East Broad St., Newark, brick, steel and stone, plain foundation, here, to Oschwald Constr. Co., 854 Clinton Ave., Newark, $200,000. Noted Jan. 21.

Pa., Phila.—APARTMENT—A. Collins, c/o J. F. Clark, archt., 23 South 16th St., will build 3 story and basement, 100 x 112 ft., rein.-con., brick and steel, plain foundation, 3514 Spring Garden. Work will be done by separate contracts. $275,000.

Pa., Phila.—APARTMENT—M. A. Bernhardt, archt., 127 South 18th St., will build 4 story and basement, 93 x 169 ft., rein.-con., brick and steel, plain foundation, 13th St., 68th Ave. and Oak Lane. Work will be done by separate contracts. Owner's name withheld. Noted Oct. 7.

Pa., Phila. — CLUB HOUSE — Germantown Square Club, c/o H. Smith, 4 Armat St., 2 story and basement, 60 x 110 ft., rein.-con., brick and steel, plain foundation, Coulter and Germantown Aves., to H. Gill, Jr., 2515 Germantown Ave.

Pa., Phila.—COUNTRY CLUB—Heacock & Hokenson, archts., 1211 Chestnut St., 3 story and basement, 100 x 121 ft., brick, rein.-con. and steel, plain foundation, Grant and Frankford Aves., to G. H. Evans, Inc., 1416 Vine St., for Torresdale & Frankford Country Club, Tacony. Noted Oct. 7.

Pa., Phila.—STORE—G. C. Nimmons, archt., South Michigan Bldg., Chicago, Ill., general contract 2 story and basement, 150

Buildings—Commercial (Continued)

x 250 ft., rein.-con., brick and steel, plain foundation, 3rd and Market Sts., to Irwin & Leighton, 126 North 12th St., for Sears Roebuck Co., Roosevelt Blvd. Archts. est. $1,250,000. Noted Oct. 21.

Pa., Phila. — STORE and OFFICE — Singer Sewing Machine Co., 924 Chestnut St., 4 story and basement, 20 x 93 ft., rein.-con., brick and steel, plain foundation, 928 Chestnut St., to Bowden Constr. Co., 1607 Summer St. Noted Oct. 7.

Pa., Phila.—THEATRE, STORE and APARTMENT — Hoffman-Henon Co., archts., Finance Bldg., 2 story and basement, 97 x 228 ft., rein.-con., brick and steel, plain foundation, 54th St. and Arlington Ave., to W. E. Pierce, 1600 Arch St., for Stanley Co. of America, 1916 Race St. Noted Aug. 12.

Pa., Pittsburgh—APARTMENT—G. E. Evans, Georgian Apartments, Ellsworth Ave., will build 5 story and basement, irregular shaped, brick, stone and steel apartment. $200,000. Smart & Scheuneman, Apolla Bldg., archts. Work will be done by separate contracts.

Pa., Pittsburgh — APARTMENT — E. Crump, Jr., and W. L. McQuillan, 4031 Bigelow Blvd., will build 3 story and basement, 30 x 90 x 148 ft., brick, steel, concrete and hollow tile, incl. incinerators, Center Ave. $175,000. Work will be done by separate contracts. Private plans. Noted Sept. 30.

Pa., Pittsburgh—HOSPITAL—Elizabeth Steel Magee Hospital, Forbes and Hacket Sts., 3 and 1 story and basement, irregular shaped addition, to J. Lauer & Sons, 8100 Portland St. Archts. est. $250,000. Noted Sept. 23.

S. C., Charleston—INFIRMARY—Bishop of Diocese of Charleston, Broad St., 4 story, rein.-con. and steel, plain foundation, incl. electric elevators, Calhoun St., to Palmer-Spivey Constr. Co., 124 8th St., Augusta, Ga., $171,000.

Miss., Clarksdale — STATION, etc. — Illinois Central R.R. Co., A. F. Blaess, ch. engr., 135 East 11th Pl., Chicago, Ill., general contract 38 x 145 ft., passenger station, 38 x 112 ft., express and luggage building, and 38 x 47 ft., lunch room, all concrete brick and stone, here, to Ellington-Miller Co., 417 South Dearborn St., Chicago, Ill.; plumbing, to Heisler-Plumbing Co., Memphis, Tenn.; heating, to Federal Eng. Co., 3240 South Michigan Blvd., Chicago, Ill.; 4 concrete subways, to Bates-Rogers Constr. Co., 37 West Van Buren St., Chicago, Ill.; grading, etc. 91,000 cu.yd. for track elevation, to J. W. Noble, Fayette. Archts. est. $650,000.

Tenn., Chattanooga—HOTEL—Lookout Mountain Hotel Co., P. Carter, pres., Chattanooga, 5 story, 250 x 400 ft., concrete and stone, top Lookout Mountain, to Underwood Constr. Co., Louisiana Bldg., New Orleans, La., $1,000,000. Noted July 2.

Ind., Indianapolis — MEMORIAL — Trustees Indiana War Memorial, St. Clair and Meridian Sts., general contract superstructure memorial, 210 ft. high, Meridian, Pennsylvania, Vermont and Michigan Sts., to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., Cleveland, O., $1,277,000; foundation, to E. C. Strathmann, Constr. Co., 712 Meyer Kiser Bank Bldg., $289,000.

O., Springfield—Y. W. C. A., 6 story and basement, 45 x 120 ft., brick and steel, incl. 25 x 75 ft. swimming pool, to Orr & Miller, Lima, $150,000.

Ill., Chicago — APARTMENT — R. F. France & Co., archts., 155 North Clark St., masonry contract 9 story and basement, 75 x 135 ft., brick and terra cotta, Winthrop and Rosemont Aves., to Erickson & Magnusson, 4753 Bway., for Rosemont-Winthrop Building Corp., c/o architects. Archts. est. $650,000. Noted June 17.

Ill., Chicago—APARTMENT—Friedman Constr. Co., 105 North Clark St., masonry contract 7 story and basement, 72 x 150 ft., rein.-con., brick and stone, 5232 Harper Ave., to J. McHugh & Sons, 840 West 79th St. Archts. est. $600,000. Noted Aug. 19.

Ill., Chicago—APARTMENT—Fridstrom & Gustasson, 5405 North Sawyer Ave., will build 9 story and basement, 50 x 150 ft., rein.-con., brick and terra cotta, 5734-38 Winthrop Ave., by day labor; plumbing, to H. L. Patterson & Co., 4544 North Western Ave.; heating, to G. H. Dalquist & Co., 5706 North Clark St. Archts. est. $475,000.

Ill., Chicago—APARTMENT HOTEL—Koenigsberg & Weisfeld, archts., 155 North Clark St., masonry and carpentry contract Winshire Arms, 7 story and basement, 50 x 150 ft., rein.-con., brick and stone, 6321 Winthrop Ave., to C. E. Erickson, 4753 Bway., for L. Ehrlich, c/o architect. Archts. est. $475,000. Noted Sept. 2.

Ill., Chicago — APARTMENT — M. Leviton, archt., 160 North La Salle St., masonry contract 6 story and basement, 50 x 125 ft., 839-41 Diversey Parkway, to L. Rubin, 4958 North St. Louis Ave.; carpentry, to L. Padorr & Son, 155 North Clark St.; cut stone, to W. Schick & Son, 2917 South 48th Ave.; plumbing, to Nilson Bros., 2958 Carroll Ave., etc., for E. Reiner, 77 West Washington St. Archts. est. $350,000. Noted Sept. 16.

Ill., Chicago — APARTMENT — H. Yavitch, 5536 Winthrop Ave., masonry contract 3 story and basement, 66 x 145½ ft., brick and terra cotta, 513 Melrose Ave., to H. Entin, 2751 Giddings St. Archts. est. $200,000.

Ill., Chicago — APARTMENT — W. C. Conran, 77 West Washington St., masonry contract 3 story, 113 x 180 ft., brick, 4408-16 Drexel Bl., to D. M. Reid, 140 South Dearborn St. Archts. est. $200,000.

Ill., Chicago — APARTMENT — Wabash Building Corp., 343 East Garfield Bl., masonry contract 3 story, 144 x 190 ft., brick, 7914-32 South Wabash Ave., to Turnquist Constr. Co., 217 East 69th Pl. Archts. est. $175,000.

Ill., Chicago—APARTMENT HOTEL—K. Rosenthol, 77 West Washington St., masonry contract 14 story and basement, 66 x 73 ft., brick, 102-106 East Chestnut St. and Ernst Court, to A. and E. Anderson, 19 South La Salle St. Archts. est. $1,000,000.

Ill., Decatur — OFFICE and POWER —A. E. Staley Mfg. Co. will build 2 and 3 story, 70 x 150 ft. office building, and 2 story and basement power house, both rein.-con. and brick, by day labor.

Ill., Decatur—THEATRE, STORE and OFFICE—Syndicate, c/o E. P. Steinberg archt., 360 North Michigan Ave., Chicago, general contract 10 story, 135 x 185 ft., rein.-con., brick and terra cotta, incl. 3 elevators, North Franklin Blvd., North and State Sts., to J. J. Redding, 10 North Clark St., Chicago. Archts. est. $2,000,000.

See page 73→

Ill., Waukegan — STORE and APARTMENT — Owner, c/o E. Grossman, archt., 105 West Monroe Ave., Chicago, 3 story and basement, 135 x 187 ft., concrete, brick and terra cotta, Sheridan St. and Keith Ave., to G. Mayer, 1432 North Ave. Archts. est. $250,000.

Ill., Wilmette—THEATRE and STORE —North Shore Syndicate, c/o E. H. Clark, archt., 8 East Huron St., Chicago, general contract 2 story, 186 x 188 ft., rein.-con., Sheridan Rd., to H. F. Friestadt & Co., South Dearborn St., Chicago. Archts. est. $400,000.

Wis., Kenosha—EXCHANGE—Wisconsin Telephone Co., 418 Bway., Milwaukee, 2 story and basement, 100 x 120 ft., brick, tile and concrete, plain foundation, here, to Christensen Constr. Co., 1135 Mound Ave., Racine. Archts. est. $150,000. Noted Dec. 31.

Wis., Shorewood (Milwaukee P. O.)—THEATRE and BUSINESS—H. D. Werwath, archt., 1266 Oakland Ave., 2 story and basement, 120 x 130 ft., brick and concrete, plain foundation, Oakland Ave., to S. Czaplewski & Son, 878 2nd Ave., Milwaukee, for O. L. Gellerup, 430 Thomas St. Archts. est. $250,000. Noted Apr. 8.

Minn., Willmar — HOTEL — Lakeland Hotel Corp., c/o B. J. Branton, pres., 5 story and basement, 85 x 100 ft., rein.-con. and stone, incl. mechanical contracts, to MacDonald Builders, Inc., 544 Builders Exch. Bldg., Minneapolis, approximately $150,000. Noted Aug. 5.

Mo., Kansas City—THEATRE—D. A. Willis Co., 2 story and basement, 128 x 135 ft., rein.-con., brick and tile, here, to G. Hucke & Son, 1704 Baltimore Ave. Archts. est. $150,000.

Tex., Amarillo—HOTEL—W. C. Townes, c/o Old Post Office Bldg., 3 story and part basement, rein.-con., brick and stone, plain foundation, incl. 1 elevator, 5th and Pearce Sts., to C. S. Lambie, 300 Blackburn Bldg., $175,000.

Tex., Laredo—HOTEL—A. C. Reichter, L. Daiches, et al., 10 story and basement, rein.-con., brick and stone, plain foundation, incl. 3 elevators, site Old Travelers Hotel, to Kenwood Co., c/o Travis Bldg., San Antonio, approximately $400,000.

Tex., Val Verde—HOTEL—A. Y. Baker, Edinburg and E. Couch, Weslaco, 4 story, rein.-con., brick and stone, plain foundation, incl. 1 or 2 elevators, to H. J. Hansen & Son, Brownville, approximately $150,000.

Ore., Portland — APARTMENT—Mishkind & Sax, Chamber of Commerce Bldg., 4 story, 100 x 120 ft., rein.-con. and brick, 22nd and Everett Sts., to L. H. Hoffman, U. S. Natl. Bank Bldg. Archts. est. $250,000. Noted July 15.

Calif., Alhambra — HOSPITAL—Herbert Bishop Memorial Hospital Assn., 3 story and basement, rein.-con., brick and hollow tile, incl. elevators, refrigerating and steam heating systems, etc., South Chapel St., to Wescott Co., 710 Garfield Ave., $175,000.

Calif., Beverly Hills—APARTMENT—W. B. McCarty, 1424 Wilshire Blvd., 8 story and basement, brick, steel and rein.-con., incl. refrigerating system, 4 elevators, steam heating plant, etc., Wilshire Blvd., to Simpson Constr. Co., Bank of Italy Bldg., Los Angeles, approximately $1,250,000. Noted Mar. 18.

Calif., Los Angeles—APARTMENT—R. Nimmo, c/o E. B. Rust, archt., Black Bldg., 4 story and basement, 80 x 115 ft., brick, Hollywood Blvd., to L. T. Mayo, 829 Black Bldg., $150,000.

Calif., Los Angeles — APARTMENT — Pacific Apartment Hotel Co., 4 story and basement ,brick, South Normandie Ave., to Harper Bros., 4554 Beverly Blvd., $150,000.

Calif., Los Angeles — BANK and OFFICE—Union Bank & Trust Co., Union Bank Bldg., 12 story, 50 x 110 ft., rein.-con. addition, elevators, steam heating plant, 8th and Hill Sts., to McNeil Co., 5860 South Park Ave., approximately $500,000.

Calif., Los Angeles—OFFICE — Union Bank & Trust Co., 8th and Hill Sts., 12 story and basement, 50 x 110 ft., rein.-con. office addition, to J. V. McNeil Co., 5860 South Park Ave., $500,000.

Calif., Los Angeles — OFFICE and HOTEL—State Societies of Southern California, 12 story and basement, 150 x 300 ft., rein.-con., near Vermont Ave., to S. H. Shave Constr. Co., 367 North Western Ave., $3,500,000.

Calif., Los Angeles — OFFICE — P. S. Wright and associates, 12 story and basement, 60 x 156 ft., rein.-con. and steel, 5th and Figueroa Sts., to W. Simpson Constr. Co., Bank of Italy Bldg., approximately $600,000. Noted Aug. 26.

Calif., Los Angeles—STORE and HOTEL —Tobelein Co., 1920 North Main St., 5 story, brick and stone, South Figueroa St., to J. F. Kuhns Constr. Co., 175 West 37th Pl. $180,000.

Calif., Los Angeles — THEATRE — See "Unclassified."

Calif., Los Angeles—THEATRE, STORE and OFFICE—Warner Bros., c/o G. A. Lansburgh, archt., 937 Consolidated Bldg., 6 story and basement, 196 x 225 ft., steel frame and rein.-con., pile foundation, to Lange and Bergstrom, Washington Bldg., approximately $2,000,000. Noted Aug. 26.

Calif., Los Angeles—THEATRE, STORE, APARTMENT and HOTEL—L. A. Smith, archt., Film Exchange Bldg., 4 story and basement, 80 x 145 ft., rein.-con., Sichel St., to A. V. Perkinson, 3977 South Vermont Ave., for United Income Properties, c/o architect, approximately $275,000. Noted Sept. 23.

Calif., Los Angeles—WAREHOUSE—Bd. Educ., 8 story and basement, 135 x 166 ft., rein.-con. and steel, South San Pedro St., to Darrell Constr. Co., 309 South Western Ave., $147,325. Noted Oct. 14.

Calif., Oakland—APARTMENT—M. F. Sommarstrom, 738 East 17th St., will build brick apartment, 1 automatic elevator, 4th Ave. and East 19th St., by day labor. $150,000. C. N. Burrell, Amer. Bank Bldg., archt.

Calif., Oakland — HOSPITAL — E. W. Cannon, archt., 1924 Bway., general contract 2 story, steel and brick, 51st and Dover Sts., for Baby Hospital of Alameda Co., to Dinwiddie Constr. Co., Crocker Bldg., San Francisco, $187,410; mechanical equipment and refrigeration, to L. D. Frazee, 699 36th St., Oakland, $34,248.

Calif., Oakland—HOTEL—C. N. Burrell, archt., Amer. Bank Bldg., 4 story and basement, brick and steel, steam heat, oil burner, 12th St. and 2nd Ave., to Sommarstrom Bros., 1536 Franklin St. Archts. est. $150,000. Owner's name withheld.

Calif., Pismo Beach—CLUB-HOTEL—C. Mabrey, (owner and contractor) Ochsner Bldg., Sacramento, will build 6 story, rein.-con., club-hotel. $1,000,000. Dean & Dean, California State Life Bldg., Sacramento, archts.

Calif., Redwood City — TUBERCULAR PREVENTORIUM — City of San Francisco and San Francisco Co., general contract

Constr. News page 285

Buildings—Commercial (Continued)

tubercular preventorium, San Mateo Co., here, to Reilly & Nemetz, 180 Jessie St., San Francisco, $131,900. Former contract cancelled. Noted Oct. 7.

Calif., Richmond — WAREHOUSE — Standard Sanitary Mfg. Co., Brannan St., San Francisco, 3 story, rein.-con. warehouse, to P. J. Walker Co., Sharon Bldg., San Francisco, $202,800. Noted July 15.

Calif., Salinas — HOSPITAL — Monterey Co., rein.-con. hospital to West Constr. Co., 519 California St., San Francisco, $157,857. Noted Oct. 21.

Calif., San Diego — CLUB — Tronville Beach Club, c/o J. R. Kibbey, archt., 660 South Vermont Ave., Los Angeles, 11 story, brick, near Crystal Pier, here, to H. T. Johnson Co., 543 Bradbury Bldg., Los Angeles, approximately $555,000.

Calif., San Francisco—APARTMENT—D. J. Clancy, 424 Jones St. will build 4 story and basement, concrete apartment, incl. automatic elevator, Broderick and Greenwich Sts. by day labor. $150,000. H. C. Baumann, 251 Kearny St., archt.

Calif., San Francisco—HOTEL—O'Brien-Kiernan Realty Co., Alexander Bldg., will build 6 story and basement, brick and steel, hotel and garage. $250,000. Work to be done by separate contracts. A. H. Larson, 447 Sutter St., archt. Noted July 15.

Calif., Santa Barbara—COURTHOUSE—Santa Barbara Co., structural steel work for courthouse, to Llewellyn Iron Wks., Main and Redondo Sts., Los Angeles, $123,357; excavating, grading and rein.-con. work, to R. L. Richardson, Santa Barbara, $17,396. Noted Oct. 21.

Calif., Santa Monica—CLUB—Sea Breeze Holding Co., c/o G. Verge, archt., Pet. Securities Bldg., Los Angeles, will build 3 story and basement, 85 x 250 ft., rein.-con. with gymnasium and swimming pool, refrigerating system, elevator, etc., by day labor. Noted Aug. 26.

Ont., Toronto — THEATRE — Posnik & Axler, 1 Trent St. general contract, 1 and 2 story and basement, rein.-con., brick and steel, plain foundation, incl. steam heating system, Danforth Ave., to Eastern Wrecking & Constr. Co., 1 Trent St. Archts. est. $150,000.

Ont., Windsor — HOTEL — A. K. Davis, Victoria St., 15 story and basement, 350 room, rein.-con., brick and steel, plain foundation, incl. steam heating system, London St., to Otto Misch Co., 159 East Columbia St., Detroit, Mich. Archts. est. $1,500,000.

Buildings—Industrial

Proposed Work

Mass., Boston—SHOP, SERVICE and STORE—Merchants Tire Co., Inc., 74 Huntington Ave., M. Katz, pres., having plans prepared by S. E. Moffie, 46 Cornhill, Boston, 1 story and basement, 95 x 110 ft., rein.-con., brick and stone, plain foundation. Jersey and Boylston Sts., $75,000.

Mass., Brookline (Boston P. O.) — WELDING SHOP—D. Miller, 43 Brookline Ave., having plans prepared by A. F. Halfenstine, 143 Washington St., 1 story, rein.-con., brick and steel, plain foundation, Brookline Ave. $40,000.

Mass., Cambridge (Boston P. O.)—BAKERY—Natl. Biscuit Co., 85 9th Ave., New York City, had plans prepared by L. Wirsching 85 9th Ave., New York City, bakery, Cambridge St., here. $3,000,000.

Mass., Springfield—FOUNDRY—Perfection Grate & Supply Co., 164 Birnie Ave., plans rein.-con., brick and steel addition. $40,000. Private plans.

Mass., Woburn—MILL—Jaquith & Co., 305 Main St., plans 2 timber mills. $40,000. Private plans.

Conn., Wallingford—FACTORY—W. A. Ives Mfg. Co., C. J. Benham, pres., had plans prepared 1 story, 65 x 242 ft., brick and steel, Cherry St. $75,000. Private plans. Noted June 17.

N. Y., Brooklyn—WAREHOUSE—C. D. Strang, Atlantic Ave., soon takes bids 5 story, rein.-con., brick and steel, 356 Coney Island Ave. $80,000. A. Goldberg, 164 Montague St., archt.

N. Y., Brooklyn — SERVICE, REPAIR and GARAGE—Sinclair Oil Refining Co., 45 Nassau St., New York City, plans rein.-con., brick and steel, plain foundation, Grand Ave., here. $475,000.

N. Y., New York — SERVICE and REPAIR SHOP—Packard Motor Car Co., Bway. and 61st St., plans 200 x 225 ft., rein.-con., brick and steel, plain foundation, 11th Ave. and 44th St. $750,000.

N. Y., New York—STORAGE and SHOP—Consolidated Gas & Electric Co., 130 East 15th St., plans 6 story, rein.-con., brick and steel, plain foundation, 120 Amsterdam Ave. $200,000.

N. J., Camden—PIPE SHED—F. E. Han, archt., 7th and Chestnut Sts., Phila., Pa., soon let contract 1 story and basement, 96 x 100 ft., steel, plain foundation, here, for Keystone Supply & Mfg. Co., 927 North 9th St., Phila., Pa.

N. J., Hoboken—PLANT—Cooper-Hewett Electric Co., 95 River St., soon takes bids 4 story, 80 x 200 ft., rein.-con., brick and steel addition, plain foundation. $100,000. Lockwood, Greene & Co., 1 Pershing Sq., New York City, engrs. and archts.

N. J., Jersey City — PLANT — Hudson County Buick Co., 870 Bergen Ave., had plans prepared by J. T. Roeland, archt. and engr., 100 Sip Ave., 2 story, rein.-con., brick and steel addition, plain foundation. $100,000.

Pa., Phila.—LOFT and PRINTING—P. S. Tyre, archt., 114 South 15th St., soon lets contract 7 story, basement and sub-basement, 186 x 233 ft., rein.-con. and brick, incl. 5 electric elevators, Noble St. below Broad St., for G. F. Lasher Printing Co., 147 North 10th St. $600,000.

Pa., Pittsburgh—PLANT—Atlantic Refining Co., Chamber of Commerce Bldg., plans addition to plant, Butler St.

Pa., Rochester—PLANING MILL—C. H. Haney Lumber Co., having plans prepared 1 story, 120 x 150 ft., concrete block planing mill. $40,000. Private plans.

La., Alexandria—CRESOTING PLANT—Natl. Lumber & Creosoting Co., W. W. Lawson, mgr., having preliminary plans prepared creosoting plant, between Rock Island, Texas & Pacific and Louisiana R.R. tracks and Navigation Company tracks.

La., Cedar Grove — ICE FACTORY — Independent Ice & Refrigerator Co., Abilene, Tex., having preliminary plans prepared steel, concrete and brick, 40 ton capacity, here. $50,000.

Tenn., Chattanooga — PLANT — Amer. Hoist Co. plans new plant, Main St. and Belt R.R. tracks. $100,000.

Tenn., McMinnville—FACTORY—Menzies Shoe Co., Fond du Lac, Wis., S. Nichols, pres., plans shoe factory, here. $200,000 funds raised by citizens.

O., Cleveland — OPEN HEARTH FURNACE — Otis Steel Co., E. J. Kilaski, pres., 3341 Jennings Rd., having plans prepared by W. F. Hilditch, c/o owner 1 story, 84 x 160 ft., brick and steel, Jennings Rd. $300,000.

O., Cleveland — PAINT SHOP and BOILER HOUSE—Victory Auto Trimming & Painting Co., M. C. Fodor, pres., 11811 Euclid Ave., having plans prepared by W. J. Wefel, 5716 Euclid Ave., 1 story, 32 x 75 ft., brick, steel and concrete, St. Clair Ave. $40,000.

O., Cleveland — FACTORY — Cleveland Heater Co., L. Friedman pres., 1900 West 112th St., had new plans prepared by G. S. Rider Co., Century Bldg., 1 story, 100 x 200 ft., brick, steel and concrete, 1900 West 112th St.

O., Gallipolis — LIGHT PLANT — City Comn. plans election in November, $105,000 bonds, light plant.

Ind., Bloomington — FACTORY — H. P. Electric Co., Grimes Lane, had plans prepared brick and steel factory. $40,000. Private plans.

Ind., Indianapolis — GARAGE and REPAIR SHOP—F. B. Hunter, archt., 612 State Life Bldg., preparing preliminary plans, 1 story and basement, 140 x 150 ft., brick and terra cotta, incl. steam heating system. $60,000. Owner's name withheld.

Ind., Indianapolis—BLEACHING PLANT—Cleveland Grain & Milling Co., E. K. Sheppard, mgr., Beach Grove, had plans prepared rein.-con., brick and steel plant, here. $75,000. Private plans.

Ind., Terra Haute — PLANT — Unique Printing Products Co,, 2220 North 13th St., having preliminary plans prepared brick and steel addition. $41,000. Private plans. Noted Oct. 7.

Mich., Detroit—FOUNDRY—Natl. Smelting & Refining Co., 1842 Livernois Ave., had plans prepared 1 story, 60 x 200 ft. and 70 x 150 ft., rein.-con., brick and steel, plain foundation, incl. steam heating system, Jefferson Ave. $100,000. Murphy & Burns, 3456 Cass Ave., engrs.

Wis., Janesville—FACTORY—A. Kahn, archt., Marquette Bldg., Detroit, Mich., soon lets contract 1 story, 100 x 280 ft., brick and steel addition, plain foundation [illegible] for Chevrolet Motor Co., 3044 West Grand Blvd., Detroit, Mich.

Wis., Rhinelander — PAPER PLANT — Rhinelander Paper Co. having surveys made improving and constructing addition. V. D. Simons, 431 North Michigan Ave., Chicago, Ill., engr.

Mo., Kansas City—PLANT—Hurst Scrap Iron & Metal Co., 8 West 10th St., having plans prepared remodeling etc. plant 18th and Guinotte Sts. $100,000. Private plans.

Mo., St. Louis — SERVICE — Bd. Pub. Serv., 208 City Hall, had revised plans prepared by Study & Farrar, Arcade Bldg. and takes bids in January, 3 story, rein.-con., brick and stone service building, incl. central heating plant, laundry and municipal garage, also city morgue 12th, Clark, 11th and Spruce Sts. $1,000,000.

Tex., Brownsville—ELECTRIC PLANT—Voted $40,000 bonds, improving electric light plant. Address Mayor. Noted Sept. 16.

Tex., Gilmer—FERTILIZER PLANT—Gilmer Cotton Oil & Fertilizer Co. takes bids about Mar. 1, brick and concrete plant.

Okla., Seminole—ICE PLANT—Western Ice & Cold Storage Co., c/o Oklahoma Utilities, Local Bldg., Oklahoma City, plans new 20 ton capacity motor type and motor driven ice plant, here. $40,000. Engineer and architect not announced. E. F. McKay, secy.

Calif., Los Angeles—TEXTILE PLANT—J. R. and S. N. Griffith, Torrey Pines Apartment, Long Beach, plans fireproof textile plant, here. To exceed $250,000.

Calif., San Francisco — MILL, etc. — Veyhle & Collins, Herring Mill Dean Reversible Window Co., Brennan near 5th St., plan rebuilding plants destroyed by fire. Estimated loss $200,000.

Calif., Richmond—PLANT—Ford Motor Car Co., Highland Park, Detroit, Mich., plans assembling plant, here. To exceed $650,000.

Ont., Hamilton — GARAGE — H. Slack, proprietor Wentworth Auto Supply Co., John St. N., having plans prepared building to house garage, auto and radio supplies. $75,000.

Ont., Hamilton—CAR BARN and REPAIR SHOP—Dominion Power & Transmission Co., plans new car barns and repair shop. $200,000. G. E. Waller, c/o owners, engr.

Ont., Saulte Ste Marie—PULP MILL—Spanish River Pulp & Paper Co. plans rebuilding boiler house, new electric pulp grinders, and constructing new water intake, etc. $700,000. Private plans.

Ont., St. George—PLANT—Malcolm Condensing Co. plans rebuilding condensed milk and diary plant, destroyed by fire, $85,000 loss.

Ont., Windsor — SHOPS — Michigan Central Ry., Pass. Terminal Sta., Detroit, Mich., J. F. Deimling, ch. engr., plans extensive improvements to engine shops, here. $200,000.

B. C., Victoria—PRINTING PLANT—Provincial Government, having plans prepared by H. Whitaker, Dept. Pub. Wks., rein.-con. and stucco, Government St., $200,000. P. Philip, Dept. Pub. Wks., engr.

Bids Desired

Me., Farmington—MILL, etc.—Ted Toy-Lers, Inc., 55 South Water St., New Bedford, Mass., taking bids 1 story, 32 x 130 ft. mill, 32 x 40 ft. enameling room, and 32 x 40 ft. boiler room, Main St., here. To exceed $40,000. Leary & Walker, 1st Natl. Bank Bldg., New Bedford, archts.

Mass., Dorchester (Boston P. O.)—REPAIR and SERVICE GARAGE—See "Contracts Awerded."

Mass., Lynn — FACTORY — See "Contracts Awarded."

Mass., Lynn—FACTORY—Lynn Tanning Co., A. Snyder in charge, 35 Boston St., taking bids 3 story, brick addition, Boston and North Bend Sts. $40,000. J. Schwartz, 25 Central Sq., archt.

Mass., Newton (Ind. br. Boston) — GARAGE, SALESROOM and REPAIR SHOP, etc.—See "Contracts Awarded."

Pa., Callery — MANUFACTURING—See "Contracts Awarded."

O., Cleveland—CAR REPAIR SHOP—New York Central R.R. Co., R. O. Rote, ch. engr. (lines west of Buffalo), West 3rd St., and St. Clair Ave., taking bids 1 story, 35 x 200 ft., brick, East 152nd St. $60,000.

Ind., Gary — PLANT — See "Contracts Awarded."

Constr. News page 286

Buildings—Industrial (Continued)

Mich., **Muskegon**—FACTORY—Oct. 29, by Vander West & Child, archts. and engrs., Montgomery Bldg., 1 story, 66 x 200 ft. irrigation supplies factory, 2 story, 45 x 66 ft. office building, both brick and steel, Bank St., for March Irrigation Co., Western Ave. $40,000.

Wis., **Cottage Grove** — SERVICE STATION—E. Whiting taking bids 2 story, 60 x 150 ft., rein.-con., brick and steel, plain foundation, here. $40,000. Private plans.

Wis., **Janesville**—SERVICE SUPPLY—A. Kahn, archt., Marquette Bldg., Detroit, Mich., taking bids 1 story, 160 x 280 ft., brick and steel, plain foundation, here, for Chevrolet Motor Co., 5805 Woodward Ave., Detroit, Mich.

Mo., **St. Louis**—SHOE FACTORY—See "Contracts Awarded."

Calif., **Oakland**—SHOPS—Nov. 4, by Bd. Educ., 1 story, steel and concrete manual training shops, etc., for Oakland School Dist. To exceed $50,000.

Calif., **Visalia**—POWER HOUSE—See "Buildings—Commercial."

Contracts Awarded

N. H., Concord—POWER PLANT—St. Pauls School, J. Walker, bus. mgr., 1 story and basement, 30 x 45 ft., and 80 x 125 ft., brick and stone, plain foundation, Dunbarton Rd., to L. H. Shattuck, Inc., 208 Granite St., Manchester. Archts. est. to exceed $40,000. Noted Oct. 7.

N. H., Portsmouth—REPAIR and SERVICE GARAGE—Hobbs Motor Co., 1 story, rein.-con. and brick, plain foundation, here, to F. Hervich, Revere, Mass. Archts. est. $50,000. Noted Oct. 21.

Mass., Billerica—BOILER SHOP—Boston & Maine R.R. Co., North Sta., Boston, 1 story, brick, boiler shop, here, to D. P. Robinson, c/o owners. Archts. est. $40,000.

Mass., Brighton (Boston P. O.) — REPAIR and SERVICE GARAGE — Sanford Motor Truck Co., 916 Commonwealth Ave., Boston, 1 story, rein.-con. and brick, plain foundation, here, to White Constr. Co., 11 Beacon St., Boston. Archts. est. $75,000.

Mass., Cambridge—REPAIR GARAGE—W. B. Stuart, 12 Reservoir St., 1 story, rein.-con., plain foundation, here, to W. E. Jackson, 5 Circuit Rd., Braintree. Archts. est. $40,000.

Mass., Dorchester (Boston P. O.) — WIRE MILL — Thompson Wire Co., 41 Mildred Ave., 1 story, 65 x 150 ft., brick and steel, plain foundation, to J. Marshall Co., 150 Tyler St., Boston. Archts. est. $40,000.

Mass., Dorchester (Boston P. O.)—REPAIR and SERVICE GARAGE—Syndicate, c/o H. Chisholm, archt., 46 Cornhill, Boston, will build 1 story, 150 x 150 ft., rein.-con. and steel, plain foundation, 1230 Massachusetts Ave., here, by day labor, under supervision of architect. $100,000.

Mass., Framingham—ENGINE HOUSE—Boston & Albany R.R. Co., F. B. Freeman, ch. engr. South Sta., Boston, 1 story, brick, here, to L. G. Roy & Sons, 21 Silver St., Springfield.

Mass., Lynn — FACTORY — Thompson Electric Welding Co., 161 Pleasant St., 1 story, 6,000 sq.ft. floor space brick addition, Pleasant St., to L. R. Porter, 6 New Derby St., Salem. This corrects report in Oct. 14 issue.

Mass., Lynn — FACTORY — Thomson Electric Welding Co., 161 Pleasant St., will build 1 story, 6,000 sq.ft. floor space, brick addition, Pleasant St. Work will be done by separate contracts. H. M. Haven & A. T. Hopkins, 11 Beacon St., Boston, archts. Noted Sept. 16.

Mass., Newton (Ind. br. Boston) — GARAGE, SALESROOM and REPAIR SHOP—J. McDonald Constr. Co., 77 Summer St., Boston, will build 1 story, rein.-con. and brick, plain foundation, Washington St. near Hovey St. $50,000. Work will be done by separate contracts. Private plans.

Mass., Watertown — FACTORY — Arden Box Toe Co., 36 Pleasant St., altering and constructing 2 buildings each 1 story, 50 x 100 ft., rein.-con. and steel, plain foundations. Arlington St., to L. C. Titus, 60 Lincoln St., Newton. Archts. est. to exceed $40,000. Noted Oct. 21.

Conn., Norwich — HYDRO-ELECTRIC PLANT — City, Electric Dept., 34 Shetucket St., hydro-electric plant, to Peck McWilliams Co., 47 West Main St., $34,334.

N. Y., Oneonta — MACHINE SHOP — Delaware & Hudson Co., 32 Nassau St., New York City, rein.-con., brick and steel, plain foundation, here, to Austin Co., 217 Bway., New York City. Archts. est. $200,000.

Pa., Beaver Falls — MANUFACTURING —Standard Steel Specialty Co., 1 story, 60 x 90 ft., brick and hollow tile addition, to H. V. Kirker Co., College Hill. Engrs. est. $40,000. Noted Aug. 23.

Pa., Callery—MANUFACTURING—Natl. Metal Products Co., 1025 Chateau St., Pittsburgh, will build 1 story, 60 x 170 ft., steel and concrete block, here. Work will be done by separate contracts. $40,000. Private plans.

Pa., Johnstown — FOUNDRY — Union Radiator Co., 1 story, 83 x 124 ft., brick, steel and concrete, to Wilson Constr. Co., Johnstown. Archts. est. $40,000.

Pa., New Castle—FACTORY — Natl. Radiator Co., Johnstown, 1 story, 135 x 300 ft. addition, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Archts. est. $150,000.

Pa., Phila.—GARAGE and SERVICE—T. Nagle, 5713 Pine St., 2 story and basement, 52 x 118 ft., rein.-con., brick and steel, plain foundation, 57th and Walnut Sts., to W. R. Smithwick, 406 Kenmore Rd., Brookline.

Pa., Phila. — MANUFACTURING — La France Textile Co., 4423 Frankford Ave., 2 story and basement, 53 x 60 ft., rein.-con., brick and steel, plain foundation, Large and Orthodox Sts., to Wintz Bros., 1618 Sellers St.

Pa., Pittsburgh — BAKERY — Stoecklein Bros. Baking Co., Spencer Ave., general contract 1 and 2 story and basement, 50 x 125 ft., brick, steel and concrete, 7027 Spencer St., to E. E. Soxman & Son, 7233 Frankstown Ave. Archts. est. $40,000. Noted July 8.

Pa., Poland (Dunkard P. O.)—SHOPS, etc.—Shannopin Coal & Coke Co., 311 Ross St., Pittsburgh, nine 1 and 2 story, 43 x 60 ft., and 52 x 151 ft. and smaller buildings for coal development, here, to Minter Homes Corp., Century Bldg., Pittsburgh, $100,000. Noted Oct. 7.

Ala., Birmingham—WAREHOUSE—Van Keuren & Denham, archts., Birmingham, (1st unit) 3 story, 75 x 150 ft., rein.-con., plain foundation, 2nd Ave. S., to Hodges & Co., Memphis, Tenn., for Merchants & Managers Terminal Corp., Birmingham. $500,000.

Ala., Birmingham—DYNAMITE PLANT—E. I. Du Pont de Nemours Co., Inc., Wilmington, Del., H. S. Stanton of Du Pont Eng. Co., constr. supt., will build 50 buildings, incl. power units, machine shops, railroad extensions, etc., on 1,240 acre site, near here.

La., Baton Rouge — LABORATORY — Wogan & Bernard, archts., Reymond Bldg., 3 story, 60 x 160 ft., brick and concrete highway engineering laboratory, for University of Louisiana, to Caldwell Bros., 816 Howard Ave., New Orleans, $80,955. Noted Sept. 30.

La., Shreveport—COTTON MILL—L. H. Gilmer Co., Cottman and Keystone Sts., Phila., Pa. 150 x 400 ft. brick, steel and concrete cotton mill to LaGrange Lumber & Supply Co., LaGrange, Ga. Engrs. est. $200,000. Noted Sept. 2.

O., Akron—FACTORIES—Goodyear Tire & Rubber Co., East Market St., 3 story, 50 x 200 ft., 5 story, 80 x 200 ft., and 3 story, 80 x 200 ft., brick, steel and concrete buildings, to Clemmer & Johnson, 406 Metropolitan Bldg. Archts. est. $500,000.

O., Cincinnati—FACTORY—Royal Blue Bed Springs Co., Dempsey St., 2 story, 275 x 360 ft., brick and rein.-con., Beekman St., to H. C. Hazen Co., Reading Rd., $225,000.

O., Cleveland—FACTORY—Fuller Cleaning Co., 7606 Carnegie Ave., 4 story and basement, 37 x 72 x 90 ft., brick, steel and concrete addition, to W. Dunbar Co., 8201 Cedar Ave. Archts. est. $70,000. Noted Sept. 30.

O., Cleveland — FACTORY — White Sewing Machine Co., E. S. Rodgers, pres., Main and Elm Sts., rebuilding 3 story, brick and steel, Main and Elm Sts., to S. W. Emerson Co., 1836 Euclid Ave. Archts. est. $40,000.

O., Cleveland—FOUNDRY—Art & Bronze Co., 1782 East 37th St., 2 story, 34 x 125 ft., and 34 x 70 ft., brick and steel, East 45th St., to Mitzel-Shields Co., B. F. Keith Bldg. Archts. est. $50,000. Noted Apr. 23.

O., Cleveland—GARAGE—River Cliff Co., c/o R. A. Teshera, 19520 Frazier Dr., 1 story, 102 x 121 ft. brick, steel and concrete, Lake Rd., to B. Sandvich, Bay Village. Archts. est. $75,000.

Ind., Bloomington — GARAGE and REPAIR SHOP—Curry-Buick Co., Bloomington, general contract 2 story and basement, 72 x 131 ft., brick, to C. F. Mustard, Bloomington, $65,000.

Ind., Gary—PLANT—Walter Bates Steel Corp. will build brick and steel addition, East 5th Ave. near Aetna St. Archts. est. $100,000. Work will be sub-let to small contractors on percentage basis.

Ind., Indianapolis — PAINT PLANT — Advance Paint Co., 540 West Norwood St., general contract 2 story and basement, 29 x 148 ft., to E. Newell, 4207 Bowman St., $42,000.

Ind., Indianapolis—FACTORY—Republic Creosoting Co., Tibbs and Minnesota Sts., general contract 2 story and basement, 45 x 132 ft., rein.-con. and brick, to Schelegel & Roehm, 602 Lexington St., $40,000.

Ind., Indianapolis—REPAIR SHOPS, etc. —Wangelin-Sharp Co., 443-465 Virginia Ave., general contract 1 story, 30 x 160 ft., rein.-con., brick and steel repair shops and service building, to J. R. Curry Constr. Co., 202 Empire Life Bldg., $41,000.

Ill., East St. Louis—FOUNDRY—Amer. Steel Foundries, 400 North Michigan Ave., Chicago, remodeling steel foundry, here, to Sumner Sollitt Co., 307 North Michigan Ave., Chicago. Archts. est. $45,000.

Ill., East St. Louis—ICE PLANT—Carter Brothers, Inc., 720 South 6th St., 1 story, 51 x 108 ft., rein.-con., brick and terra cotta, 6th St. and Illinois Central R.R. tracks, to Fruin-Colnon Constr. Co., Merchants Laclede Bldg., St. Louis, Mo.

Ill., Joliet—OIL DEPOT—Texas Co., H. T. Snell, supt., 332 South Michigan St., Chicago, 1 and 2 story, 118 x 334 ft., rein.-con. and brick, incl. office, warehouse, garage and tanks, etc., Jackson and State Sts., to McKelvey Constr. Co., 3800 Pine Blvd., St. Louis, Mo. Archts. est. $60,000.

Wis., Adell—DAIRY PLANT—Wieland Dairy Co., 3644 Bway., Chicago, Ill., 2 story, 70 x 226 ft., brick and concrete, plain foundation, here, to Universal Constr. Co., 915 Chestnut St., Milwaukee. Archts. est. $60,000. Noted Sept. 30.

Wis., Beaver Dam — FACTORY — Bear Brand Hosiery Co., altering 2 story, brick and timber factory, to H. Opitz, Beaver Dam. Archts. est. $40,000.

Wis., Manitowoc—PRINTING PLANT—Brandt Printing & Binding Co., 711 Buffalo St., 1 story and basement, 62 x 112 ft., brick and steel, plian foundation, to Austin Co., 16112 Euclid Ave., Cleveland, O. Archts. est. $45,000.

Wis., Milwaukee—TANNERY—J. Greenbaum Tanning Co., 337 West St., 1 story, 52 x 175 ft., brick and timber top addition, West St., to T. Stark & Co., 130 Muskego Ave. Engrs. est. $40,000.

Wis., Oshkosh—WAREHOUSE, STORE and OFFICE—Crane Co., 836 South Michigan Ave., 2 story, 75 x 178 ft. and 1 story x 75 ft., rein.-con. and brick, to Flour Bros., Oshkosh. Archts. est. $75,000.

Wis., West Allis—FACTORY—Pioneer Mfg. Co., 526 62nd Ave., 1 story, 62 x 120 ft., brick and steel, plain foundation, 74th Ave., to Pfeifer Constr. Co., 586 66th Ave. Archts. est. $40,000.

Neb., Omaha—FREIGHT DEPOT—Missouri Pacific R.R. Co., Ry. Exch. Bldg., St. Louis, Mo., 2 story, brick and concrete, 16th and Nicholas Sts., to Amer. Constr. Co., 425 Sunderland Bldg., Omaha. Archts. est. $220,000.

Mo., Salem — SHIRT FACTORY — Ely-Walker Dry Goods Co., 1520 Washington Ave., St. Louis, 2 story and basement, 60 x 150 ft., brick and concrete addition, here, to B. F. Curran, Bristow, Okla. Archts. est. $50,000.

Mo., St. Louis — FOUNDRY — Modart Mfg. Co., 3500 De Kalb St., 1 story, 110 x 300 ft., brick and concrete, Dekalb St., to J. Wise Constr. Co., Syndicate Trust Bldg. Engrs. est. $50,000.

Mo., St. Louis—SHOE FACTORY—International Shoe Co., 1501 Washington Ave., will build 1 story and basement, 100 x 160 ft. factory, Hickory St. $50,000. Work will be done by sub-contracts. Private plans.

Calif., Los Angeles—FACTORY—Amer. Laundry Mchy. Co., 331 East 3rd St., 3 story, 90 x 90 ft., rein.-con., 4th and Anderson Sts., to Bavin & Burch, 173 East Jefferson St., $53,400.

Calif., Pittsburg — **FACTORY** — Pioneer Rubber Mills, 353 Sacto St., San Francisco, 1 story, rein.-con., to Lindgren & Swinerton, Inc., 225 Bush St., San Francisco, approximately $100,000.

Constr. News page 287

Buildings—Industrial (Continued)

Calif., Southgate — FACTORY — Natl. Paper Products Co., 1789 Montgomery St., 1 story, concrete and brick, to Barrett & Hilp, 918 Harrison St., San Francisco.

Buildings—Educational, Religious

Proposed Work

Mass., Boston—SCHOOL—City, Schoolhouse Dept., takes bids after Nov. 1, 1 story and basement, 40 x 125 ft. with 2 ells, brick and limestone, Waldron Rd., Fancis Parkham Dist. $150,000. C. Albright & W. C. Balney, 308 Boylston St., archts. Noted July 8.

Mass., Brighton (Boston P. O.) — SCHOOL — Church of Our Lady of Presentation, J. J. Murphy, pastor, 671 Washington St., raising $150,000 funds, 2 or more story, brick, Washington and Tremont Sts. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.)—SCHOOL and STORE — Manter Hall School, Inc., J. C. Hall, Holyoke St., having preliminary sketches made by Adden & Parket, 177 State St., Boston, 3 story and basement, brick private school and store, Holyoke and Mt. Auburn Sts. To exceed $150,000.

Mass., Hyde Park (Boston P. O.) — HIGH SCHOOL—City, Schoolhouse Dept., Boston, plans high school, Arlington, Central and Jefferson Sts. and Metropolitan Ave., here. To exceed $150,000. Engineer and architect not selected.

Mass., North Adams—NURSES HOME—North Adams Hospital, H. W. Clark, pres., having preliminary plans prepared by N. C. Bond, 170 Pleasant St., brick home. $150,000.

Mass., Springfield — CHURCH — Third Baptist Church, c/o Amer. Baptist Home Mission Society, 23 East 26th St., New York City, plans 2 story, brick, Walnut St. and Pendleton Ave., here. $150,000. Engineer and architect not selected.

Mass., Shrewsbury — SCHOOL — Town, S. H. Shepard, chn. School Comn. having preliminary plans prepared by School Plan Service Bureau Inc., 120 Front St., Worcester, 2 story and basement, 75 x 105 ft., brick, stone and tile, concrete foundation, South Quinsigamond Ave. $150,000.

Mass., Watertown — CHURCH — Union Church, J. Barrett, 11 Tappan Rd., raising $150,000 funds, and having preliminary sketches made by Brainerd & Leeds, 89 Franklin St., Boston, brick, Main St. $150,000.

R. I., Cranston—HIGH SCHOOL—City, J. K. Fenner, supt. schools, having plans prepared by W. R. Walker & Son, 49 Weybosset St., Providence, Junior High School, brick and steel. $150,000 or more.

R. I., East Providence (br. Providence) — HIGH SCHOOL — Town School Com. takes bids after Nov. 1, Junior High School, 2 story and basement, brick and stone, plain foundation, $150,000 or more. W. R. Walker & Son, 49 Weybosset St., archts. Noted Sept. 30.

R. I., Newport—CHURCH—First Church of Christ Scientist, c/o McFarland & Laurie, archts., 162 Newbury St., Boston, Mass., having preliminary plans prepared 1 or 2 story and basement, brick and stone, plain foundation, Touro St. $150,000.

Conn., Hartford—SCHOOL—City, A. G. Hubbard, chn. plans Weathersfield School, Church St. $150,000 or more. Engineer and architect not selected.

N. Y., Helmuth—NURSES HOME, etc.—State Hospital Comn., Capitol, Albany, plans nurses home, staff accommodations, etc., also exit facilities and fire stops, at Gowanda State Hospital, here. S. W. Jones, Albany, state archt.

N. Y., Oneida — HIGH SCHOOL — Bd. Educ., soon takes bids brick, steel and stone, addition plain foundation. $325,000. W. Potter, 22 East 17th St., New York City, archt. Noted July 15.

Pa., Pittsburgh——CONVENT—St. Pauls Roman Catholic Parish, and Comes, Perry & McMullen, archts., Renshaw Bldg., take bids Oct. 26, 3 story and basement, irregular shaped, stone, Craig St. $200,000.

Tenn., Knoxville — CHURCH — Church Street Methodist Episcopal Church, D. F. Knickerbocker, pastor, having plans prepared by J. R. Poke, 542 5th Ave., New York City, brick, steel and stone, plain foundation. $300,000. Noted Nov. 12.

Ill., Evanston—CHURCH—Pilgrim Congregational Church, 705 Ridge Ave., having sketches made by F. V. Prather, 400 North Michigan Ave., Chicago, 2 story church on 140 x 175 ft. site, Ridge Ave. and South Blvd., $300,000.

Ill., Oak Park — GYMNASIUM and FIELD HOUSE — Pub. Schools of Oak Park, W. J. Hamilton, secy., having preliminary plans prepared by Childs & Smith, 720 North Michigan Ave., Chicago, 2 story, concrete, brick and stone gymnasium and field house. $450,000.

Ill., Western Springs—CHURCH—Congregational Church takes bids in spring, 2 story, 46 x 137 ft., concrete, brick and stone church. $150,000. G. W. Elmslie, 122 South Michigan St., Chicago, archt.

Wis., Kaukauna—SCHOOL—St. Marys Congregation, A. Ripp, pastor, having preliminary plans prepared by Reynolds & Feldhausen, 113 South Roosevelt St., Green Bay, 2 story and basement, brick and tile, plain foundation. $150,000.

Wis., Whitewater — HIGH SCHOOL — Election Nov. 2, $133,000 bonds, 3 story and basement, rein.-con. and brick, plain foundation, for Bd. Educ., A. R. Page, supt. Total $175,000. Engineer and architect not selected.

Minn., Minneapolis—CHURCH—Church of Holy Cross, 1621 University Ave., plans rein.-con., brick and stone, incl. steam heating, probably 4th St. and 17th Ave. N. E. $150,000. Cordella & Olson, 321 Kasota Bldg., archts.

Minn., Minneapolis — SCHOOL — Church of Ascension, 1723 Bryant Ave. N., plans rein.-con. and brick, incl. steam heating, 17th and Bryant Aves. N. $200,000. Engineer and architect not announced.

Minn., Minneapolis — CHURCH-OFFICE —First Unitarian Church, 8th St. and La Salle Ave., having plans prepared by Long & Thorshov, 1028 Builders Exch. Bldg., 8 story and basement, 50 x 140 ft., rein.-con. and brick church-office, incl. steam heating, 8th St. and La Salle Ave. $750,000.

Neb., Omaha—CHURCH—C. W. Steinbaugh, archt., 662 Brandeis Theatre Bldg., takes bids about Nov. 1, 1 story, balcony and basement, irregular shaped, 600 seating capacity, for Dundee Presbyterian Congregation, D. McLeod, pastor. $225,000.

Mo., Columbia—CHURCH and STUDENT CENTER—First Baptist Congregation, L. W. Smith, pastor, having plans prepared by L. B. Pendleton, DeMenil Bldg., St. Louis, 1 story and basement, 125 x 180 ft., brick, concrete and stone church and student center. $300,000.

Okla., Miami — GYMNASIUM — State Board of Affairs, Capitol Bldg., Oklahoma City, having preliminary plans prepared by J. Hicks, Braniff Bldg., Oklahoma City, 2 story and basement, brick, plain foundation, on campus, here, for State School of Miami. $150,000.

Okla., Tulsa—HIGH SCHOOL—Bd. Educ. having preliminary plans prepared new high school. $400,000. P. P. Claxton, 556 North Denver St., supt. Engineer and architect not selected.

Ore., Portland—SCHOOL—School Dist., 7th and Clackamas Sts., having plans prepared by G. H. Jones, 7th and Clackamas Sts., and soon takes bids Clinton Kelley School, 31st and Holgate Sts. $250,000.

Ore., Portland—SCHOOL—School Dist., 7th and Clackamas Sts., having plans prepared by G. H. Jones, 7th and Clackamas Sts., and takes bids about Oct. 20, 2 story, Erroll Heights. $250,000.

Calif., Beverly Hills — SCHOOL — Los Angeles School Dist. had plans prepared by R. D. Farquhar, Security Bldg., 2 story, 65 x 200 ft. classroom building, 80 x 150 ft. auditorium with 1,500 seating capacity, 1 story, 40 x 150 ft. domestic science building, 60 x 160 ft. shop, and two 80 x 80 ft. gymnasiums all brick, Country Club and Moreno Dr. $400,000. Noted June 17.

Calif., Colusa—HIGH SCHOOL—Pierce Joint Union High School Dist., plans election $250,000 bonds, high school.

Calif., Lynwood—SCHOOL—Lugo School Dist. plans election $150,000 bonds, grammar school. Kelso & Mackie, Washington Bldg., Los Angeles, archts.

Calif., Mountain View — SCHOOL — Mountain View Grammar School Dist. voted $150,000 bonds, school, and $15,000 school annex. Noted July 8.

Calif., Palo Alto—SCHOOL—Palo Alto Union High School Dist.plans election $200,000 bonds, school additions. B. M. Clark, 3310 University St., archt.

Calif., Pasadena—SCHOOL—Bd. Educ. soon takes bids Daniel Webster School, concrete, for Pasadena City School Dist. $150,000. Austin & Ashley, Chamber of Commerce Bldg., Los Angeles, archts.

Calif., Petaluma — SCHOOL and AGRICULTURAL — Petaluma School Dist. voted $150,000 bonds, grammar school and agricultural building. B. Jones, Petaluma, archt.

Calif., Redlands—AUDITORIUM, etc.—Plans election $375,000 bonds, high school auditorium and school additions.

Calif., Riverside—HIGH SCHOOL—Bd. Educ. had sketches made by J. C. Austin & F. M. Ashley, Chamber of Commerce Bldg., Junior High School, 8th St. and Grand Ave. $800,000. Noted Sept. 2

Calif., San Bernardino—COLLEGE—San Bernardino Colton Junior College having plans prepared by H. E. Jones, 445 4th St., college, here. $400,000. Noted Sept. 16.

Calif., San Francisco — CATHEDRAL — Grace Cathedral had preliminary plans prepared by L. P. Hobart, Crocker Bldg., Steel, Jones, Sacramento, Taylor, and California Sts. $4,000,000. Noted Oct. 21.

Calif., San Luis Obispo—HIGH SCHOOL —Bd. Educ. had preliminary plans prepared by T. C. Kistner & Co., Detwiler Bldg., Los Angeles, and L. N. Crawford, Santa Maria, high school. $350,000. Noted Aug. 19.

Calif., Santa Barbara—SCIENCE—State Building Comn., Sacramento, having plans prepared by G. B. McDougall, Forum Bldg., Sacramento, 2 story, rein.-con. science building, here, for State Teachers College. $160,000.

Ont., Toronto — CHURCH — Runnymede United Church, 432 Runnymede Rd., having plans prepared by R. B. McGiffin, 96 Bloor St. W., and soon takes bids 1 and 2 story and basement, rein.-con., brick and steel, plain foundation, Runnymede Rd. $175,000. Noted June 17.

Bids Desired

Me., Portland—GYMNASIUM and HALL —Church of Immaculate Conception, F. Johnson, pastor, taking bids 1 and 2 story and basement, 95 x 110 ft., brick and stone, plain foundation, here. $150,000. F. H. Thorne, 181 State St., archt.

N. H., Durham—FRATERNITY—Theta Chi Fraternity, New Hampshire College, taking bids 3 story and basement, brick and stone, plain foundation, here. $150,000. W. H. Drummey, 80 Boylston St., Boston, Mass., archt. Noted Aug. 12.

Mass., Everett — CHURCH — Glendale Baptist Church, Bway., taking bids altering and constructing 1 and 2 story and basement, brick, stone, and granite addition, plain foundation. $150,000. R. Testa, 142 St. Andrew Rd., East Boston, archt.

Mass., Roxbury (Boston P. O.) — HIGH SCHOOL — Nov. 1, by City, Schoolhouse Dept., Boston, 3 story and basement, 100 x 260 ft., brick, granite and limestone, plain foundation, here. $1,480,000. H. H. Atwood, 61 Alban St., Dorchester, archt. Noted Apr. 30.

Mass., Taunton — SCHOOL — City, c/o McLaughlin & Burr, archts., 88 Tremont St., Boston, taking bids 2 story and basement, brick and stone addition, plain foundation, Cohannet St., here. $150,000.

Mass., Waban (Ind. br. Boston) — CHURCH—Union Church Society, c/o F. A. Burton, archt., 240 Boylston St., Boston, taking new bids on revised plans, altering and constructing 3 story and basement, stone and stucco addition, plain foundation, Collins Rd. $150,000. Former bids rejected. Noted July 22.

R. I., Providence—ATHLETIC—Brown University taking bids 1 and 2 story, brick and timber, plain foundation, Aldrich Field. To exceed $150,000. Clarke & How, Turks Head Bldg., archts. Noted Oct. 21.

Conn., Farmington — SCHOOL — School Com., T. F. Rourke, chn., taking bids 2 story and basement, brick and steel, incl. domestic science and manual training departments, Staples St., for Town, W. H. Mandry, supt. schools. $160,000. Noted Aug. 19.

Conn., Norwichtown (Ind. br. Norwich) —SCHOOL—Nov. 4, by City, W. F. Lester, chn., 2 story and basement, 120 x 160 ft., brick and steel school, here. $225,000. School Plan Serv. Bureau, 363 Main St., Middletown, archts. Chandler & Palmer, Thayer Bldg., Norwich, associated archts. Noted Oct. 14.

Conn., Torrington—CHURCH—St. Peters Parish, S. Bonforti, pastor, taking bids 2 story, 65 x 112 ft., brick, steel and stone, East Main St. $150,000. D. A. Guerriero, 1029 Main St., Hartford, archt. Noted Sept. 30.

N. Y., New York—COLLEGE—Nov. 1, by O. G. Perrott, archt., 1211 Chestnut St., Phila., Pa., 2 story and basement, 49 x 140 ft., rein.-con., steel and stone, plain foundation, here, for Fordham University, Fordham Rd.

N. Y., New York—SCHOOL—Nov. 9, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, general contract P. S. 89, Mace Ave., here, for Bd. Educ., 500 Park Ave., New York City.

Pa., Phila.—SCHOOL—Nov. 1, by Bd. Educ., J. D. Cassell, supt. buildings, 19th

Constr. News page 288

Buildings—Educational, Religious (Cont.)

and Chestnut Sts., 3 story and basement, 113 x 134 ft., rein.-con. and brick, plain foundation, Allens and Rural Lanes. $450,000. C. I. Catharine, 19th and Chestnut Sts., archt.

Pa., Pittsburgh—SCHOOL—Nov. 2, by Bd. Educ., G. W. Gerwig, secy., 725 Fulton Bldg., constructing Herron Hill High School, Ossipee St. near Center Ave.

D. C., Wash.—SCHOOL—Nov. 2, by Dist. Comrs., District Bldg., extensible school, Carlton and Central Aves. Noted June 17.

N. C., Rocky Mount—SCHOOLS—Nov. 9, by Bd. School Trustees, constructing high and elementary schools, also school for negroes. $350,000. Wilson, Berryman & Kennedy, Raleigh, archts. Noted Aug. 26.

Tenn., Nashville—DORMITORIES—Nov. 6, by State Bd. Educ., P. L. Harned, comr., dormitories and miscellaneous buildings at A and I State Normal School. $325,000. Marr & Holman and Asmus & Clark, Stahlman Bldg., and Tisdale, Pinson & Stove, Independent Life Bldg., archts.

Ky., Louisville—ADMINISTRATION—Nov. 4, at office President and Trustees University of Louisville, 111 West Chestnut St., 3 story, basement and dome, 150 x 150 ft., brick and steel, 3rd and Shipp Sts. To exceed $150,000. Allied Architects Assn. of Kentucky, 405 Norton Bldg., archts.

Wis., Racine—HIGH SCHOOL—Nov. 4, by Bd. Educ., A. H. Schaefer, secy., 2 and 3 story, brick, tile and concrete, plain foundation, Southside. $550,000. Croft & Boerner, 1004 Marquette Ave., Minneapolis, Minn., archt. Noted Oct. 7.

Minn., Minneapolis — PHYSICS LABORATORY — Nov. 4, by State Comrs. Administration & Finance, 18 State Capitol, St. Paul, 4 story and basement, rein.-con., brick and Bedford stone laboratory, at State University. $450,000. C. H. Johnston, 360 Robert St., St. Paul, archt.

Neb., Lincoln—SCHOOL—Nov. 2, by J. G. Ludlam, secy. School Dist. 1, 2 story and basement, 64 x 152 ft. school, incl. 27 x 30 ft. and 34 x 58 ft. extension, also 32 x 65 ft. auditorium. $150,000. Davis & Wilson, 525 South 13th St., archts.

Calif., Los Angeles—CHURCH—Nov. 5, by Immanuel Presbyterian Church, 1000 South Figroa St., 3 story, 136 x 220 ft., church, and 4 story, 60 x 145 ft. parish house, brick and steel, Wilshire and Berendo Sts. $1,000,000. Noted Apr. 9.

Calif., Los Angeles—CHURCH—Skilling & Patterson, archts., Chamber of Commerce Bldg., taking bids, brick, concrete and steel church, for Em-Manuel Presbyterian Church, c/o archts. $700,000.

Calif., Redding—HIGH SCHOOL—Nov. 9, by Trustees Shasta Union High School Dist., 2 story, rein.-con. high school. $300,000. Dean & Dean, State Life Bldg., Sacramento, archts. Noted Mar. 18.

Calif., Redlands—CHAPEL—See "Contracts Awarded."

Bids Received

D. C., Wash.—SCHOOL—Dist. Comrs., District Bldg., Oct. 25, John Burroughs School addition, from J. B. Ginechesi, Inc., 2633 15th St. N. W., $187,000. Noted Oct. 7.

O., Rocky River—SCHOOL—Bd. Educ., Oct. 18, 2 story and basement, brick, steel and concrete, incl. steam heating, Center Ridge Rd., from D. Gilchrist, Berea, $115,919. Noted Oct. 7.

Ind., Indianapolis — SCHOOL — School Comrs., 150 North Meridian St., general contract Grade School 37, rein.-con., brick and steel, 25th and Keystone Sts., from W. P. Jungclaus Constr. Co., 825 Massachusetts Ave., $156,338; heating and ventilating, from Hayes Bros., 236 West Vermont St., $32,946.

Contracts Awarded

Mass., Braintree — SCHOOL — Town, School Bd., 2 story and basement, brick and stone, plain foundation, Cleveland St., to J. M. Hartwell, 46 Cornhill, Boston. Archts. est. $150,000. Noted Aug. 12.

Mass., West Roxbury (br. Boston)—SCHOOL—City, Schoolhouse Dept., Boston, 2 story and basement, brick and stone addition, plain foundation, Robert Gould Shaw Dist., here, to P. J. Cantwell, 6 Dakota St., Dorchester. Archts. est. $150,000. Noted Oct. 7.

Conn., Lakeville — SCHOOL — Hotchkiss School, brick and stone additions, to J. Stewart, Inc., 17 East 42nd St., New York City. Archts. est. $300,000. Noted Sept. 23.

N. Y., Huntington—SCHOOL—Bd. Educ., brick, steel and stone, plain foundation, East Main St. to R. H. Brown Co. Inc., 356 Pearl St., Brooklyn. Engrs. est. $408,000.

N. J., Nutley—SCHOOL—Bd. Educ., Park School Bldg., Franklin Ave., altering and constructing brick, steel and stone addition to Washington School, plain foundation, Washington Ave., to E. M. Waldron, 27 Central Ave., Newark, $193,822.

Pa., Waynesburg—HIGH SCHOOL—Bd. Educ., general contract 2 and 3 story and basement high school, to E. E. Morris, Waynesburg $157,283. Noted Oct. 21.

Fla., Orlando — HIGH SCHOOL — Bd. Educ., 3 story, concrete, brick, steel and stone high school, to D. D. Thomas & Son, Jacksonville, $350,000.

La., Homer—SCHOOL—Claiborne Parish Bd. Educ., general contract 2 story, 184 x 213 ft., concrete, brick and stone school, to McMichael Constr. Co., Shreveport, $191,476. Noted Sept. 9.

O., Columbus—HIGH SCHOOL—E. L. McCune, clk., Bd. Educ., 207 East State St., 3 story and basement, 150 x 180 ft., brick and concrete, Dresden Ave., to Barnes Constr. Co., Springfield, and Gugle Bldg., Columbus, $383,154. Noted Sept. 23.

O., Columbus — SCHOOL — Holy Rosary Church, J. J. Murphy, pastor, 3 story and basement, 80 x 160 ft., brick, steel, stone and concrete, to D. W. McGrath & Sons, 255 East Broad St., $110,853. Noted Aug. 19.

Mich., Battle Creek—HIGH SCHOOL—Bd. Educ., general contract Junior High School, 2 story and basement, to J. C. Nelson & Sons, Bway. and Central St., Minneapolis, Minn.; heating, etc., to Carstens Bros., Ackley, Ia. Archts. est. $557,000.

Mich., Battle Creek — SCHOOL — Bd. Educ., 2 story and part basement, 128 x 197 ft. grade school, to Peterson-Colwell, Inc., 646 Builders Exch. Bldg., Minneapolis, Minn., $168,900; and heating, to Pharo Heating Co., Madison, Wis., $33,000. Noted Sept. 9.

Ill., Urbana — LIBRARY — University of Illinois, 4 story and basement, 50 x 150 ft., and 27 x 30 ft., rein.-con. brick and stone addition, to Peterson-Colwell, Inc., 646 Builders Exchange Bldg., Minneapolis, Minn.

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Constr. News page 289

Buildings—Educational, Religious (Cont.)

Wis., Beloit—DORMITORY—Beloit College, L. G. Herreid, treas., 3 story and basement, 37 x 105 ft., and 37 x 150 ft., brick, stone, concrete and steel, plain foundation, on campus, to Adams Constr. Co., 217 Clarkson Pl., Chicago, Ill. Archts. est. $200,000. Noted Sept. 30.

Wis., River Falls—SCHOOL—Bd. Educ., c/o C. A. Dawson, general contract 2 story and basement, rein.-con. and brick, total est. to J. B. Nelson Constr. Co., Mankato, Minn. Archts. total est. approximately $175,000. Noted Oct. 21.

Mo., Fayette—COLLEGE—Central College, general contract 2 story and basement, 55 x 103 ft., rein.-con., brick and stone building one for conservatory of music and other religious education, to J. Epple Constr. Co., Ferguson, $105,000. Noted July 29.

Mo., Maplewood (br. St. Louis) — CHURCH—Maplewood Baptist Congregation, Marshall and Mariette Aves., 2 story and basement, 48 x 137 ft., brick and stone, Marshall Ave., to Woester Bros. Building Constr. Co., 2863 Laclede Rd.

Mo., St. Louis—SCHOOL—Bd. Educ., 911 Locust St., R. M. Milligan, comr., Melville L. Wilkinson Grade School, 2 story and basement, 77 x 162 ft., brick and stone, Arsenal St., Ellendale and Greenwood Sts., general contract, to W. MacDonald Constr. Co., Syndicate Trust Bldg., $205,000; and heating and ventilating to Sodemann Heat & Power Co., 2306 Morgan St. $33,137. Noted Oct. 21.

Wash., Seattle—CHURCH—J. Graham, archt., Dexter Horton Bldg., 1 story, brick, concrete and stone, 15th St. N. E. and East 42nd St., to Sylliaasen & Sando, Crary Bldg., for University Methodist Church. $190,921. Noted May 13.

Calif., Los Angeles—CHURCH—Roman Catholic Diocese of Los Angeles and San Diego, 2 story, 94 x 230 ft., rein.-con. and steel, West 43rd St. to B. D. Kronnick Co., 3623 South Park Ave., $180,000.

Calif., Los Angeles—SCHOOL—Wilshire Blvd. Congregational Church, Wilshire and Plymouth Blvds., 2 story and basement, rein.-con. annex, Plymouth and Wilshire Blvds., to Hubert & Jensen, 1210 West 68th St., fixed fee basis approximately $160,000.

Calif., Redlands — CHAPEL—University of Redlands, will build 90 x 150 ft., rein.-con., steam heating, etc., by day labor. $200,000. N. F. Marsh, Bway.-Central Bldg., Los Angeles, archt. Noted Sept. 2.

Calif., San Mateo — SCHOOL — San Mateo Union High School Dist., general contract Academic Building, to Cobby & Owsley, 260 Tehama St., San Francisco, $194,680, general contract Industrial and Applied Arts Building, both brick and steel, to Meese & Briggs, Burlingame, $25,365; heating both structures, to O. Mara & Stewart, 218 Clara St., San Francisco, $30,884. Noted Sept. 23.

Calif., Ventura — HIGH SCHOOL — Bd. Educ., 2 story, rein.-con. classroom and auditorium, incl. steam heating, to C. P. Day, 1044 Raymond Ave., Pasadena, $250,000.

Federal Government Work

Proposed Work

D. C., Wash.—Generator—Spec. 5293—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans 150 kw. engine driven d.c. generator installed on foundation at Naval Hospital, here. L. E. Gregory, ch. of Bureau.

La., New Orleans—Earthwork—U. S. Engineer Office, rejected bids Oct. 12, Forlorn Hope Levee, Pontchartrain Levee Dist. Noted Sept. 30.

Bids Desired

Mass., West Pittsfield (mail Pittsfield)—Hose—Nov. 5, by Dept. Agriculture, Wash., D. C., 18,000 ft. rubber covered spray hose, 1 in. waterway and guaranteed to stand 1,000 lb. pressure, delivered here.

Ky., Louisville—Metal Work—Nov. 26, by U. S. Engineer Office, P. O. Box 72, metal work for Chanoine, Bebout and beartrap weirs for Dam 53 and beartrap weirs for Dam 52, Ohio River; adv. E. N.-R. Oct. 28.

California—Road—Dec. 15, by Dept. Interior National Park Serv., San Francisco, improving 346,000 ft. roads in Lassen Volcanic Natl. Park.

Constr. News page 290

T. H., Pearl Harbor—Pier—Spec. 5210—Bureau Yards & Docks, Navy Dept., Wash., D. C., taking bids extension to pier at Naval Operating Base, here.

Bids Received

Pa., Erie—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., Oct. 14, driveway and post office screen bays, etc., from Constable Bros. Co., Erie, $1,667 and $1,725 respectively; post office screen and postmaster office, from A. M. Lundberg, 208 North Bway., St. Louis, Mo., $3,900. Noted Sept. 30.

Fla., Key West—Bottom for Steel Tank—Bureau Yards & Docks, Navy Dept., Wash., D. C., Oct. 13, new bottom for steel tank, at Naval Operating Base, here, from Pittsburgh-Des Moines Steel Co., Curry Bldg., Pittsburgh, Pa., $3,850. Noted Sept. 30.

La., New Orleans—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling, etc., at U. S. Mint, here, from G. F. Favrot, Balter Bldg., $11,170. Noted Oct. 14.

Mich., Grand Haven — Remodeling — Treas. Dept., at office Supervising Archt., Wash., D. C., Oct. 20, remodeling and enlarging U. S. Post Office, and Custom House, here, from A. M. Lundberg, 208 Bway., St. Louis, Mo., $14,700.

S. D., Hot Springs — Water Softening Plant—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., Oct. 19, water softening plant at National Home for Disabled Volunteer Soldiers, Battle Mountain Sanitarium, here, from Graver Corp., East Chicago, Ind., $14,940. Noted Sept. 30.

Tex., Amarillo — Remodeling — Treas. Dept., at office Supervising Archt., Wash., D. C., Oct. 21, remodeling and enlarging U. S. Post Office, here, from A. M. Lundberg, 208 Bway., St. Louis, Mo., $27,900.

Contracts Awarded

N. Y., Olean—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here, to C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., $17,709. Noted Oct. 21.

Pa., Marcus Hook—Wharf—Treas. Dept., at office Supervising Archt., Wash., D. C., extension to wharf, etc., at U. S. Quarantine Station, here, to S. D. Collins, Fort Penn, Del., $11,783. Noted Oct. 28.

D. C., Wash. — Medical School — Chief Clerk Dept. Interior, general contract plumbing and heating brick medical building, at Howard University, to Consolidated Eng. Co., 20 East Franklin St., Baltimore, Md., $428,000; equipment, to E. M. Sheldon & Co., Muskegon, Mich., $56,700. Noted Oct. 7.

D. C., Wash.—Dwelling—U. S. Engineer Office, 1068 Navy Bldg., 6 dwellings for water supply of Dist. of Columbia, to Metropolitan Constr. Co., 2945 Benton St. N. W., $77,000. Noted Sept. 16.

D. C., Wash.—Equipment—U. S. Engineer Office, Navy Dept. Bldg., generators, etc. for Dist. of Columbia Water Supply Project, to Westinghouse Electric & Mfg. Co., Hibbs Bldg., $114,499. Noted Oct. 21.

Va., Norfolk—Rewinding Motors—Spec. 5286—Bureau Yards & Docks, Navy Dept., Wash., D. C., rewinding motors for pumping plant, Dry Dock 3, Navy Yard, here, to Westinghouse Electric & Mfg. Co., Hibbs Bldg., Wash., D. C., $21,000.

Ga., Savannah—Pump—U. S. Engineer Office, P. O. Bldg., dredging pump, with lines, etc., to Norfolk Navy Yard, Portsmouth Va., $6,375.

Tenn., Memphis—Earthwork—U. S. Engineer Office, 110,000 cu.yd. earthwork in Lower St. Francis Levee Dist., to Lowrance Bros. & Co., Memphis, $35,640.

O., Dayton—Assembly Shop—Constructing Quartermaster, Wright Field, brick and steel assembly shop, at Wright Field, to E. H. Latham, 60 East Broad St., Columbus, $216,000. Noted Oct. 21.

O., Zanesville—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here, to C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., $18,645. Noted Oct. 14.

Wis., Eau Claire—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here, to F. R. Comb Co., 2113 Chicago Ave., Minneapolis, Minn., $12,300.

Mo., Atherton—Dikes—U. S. Engineer Office, 700 Postal Bldg., Kansas City, clump dikes at Jackson Bend, Missouri River, near here, to Woods Bros. Constr. Co., 132 South 13th St., Lincoln, Neb., $67,830. Noted Oct. 7.

Tex., Legion — Deep Wells — U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., 286 ft. deep well, or 286 to 600 ft. deep well, to F. M. Burkett & Sons, San Antonio, $3,000 or $2,700 respectively. Noted Oct. 28.

S. D., Hot Springs—Officers Quarters—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., duplex officers quarters, here, to Lash Lumber Co., Hot Springs, $29,470. Noted Oct. 21.

New Mexico—Road—J. W. Johnson, dist. engr., 301 Custom House, Denver, Colo., grading, etc. 5.85 mi. Datil-Reserve-Dry Creek, Pleasonton-Box Canyon Section, Catron Co. to Veator & Davis, El Paso, Tex., $107,670. Noted Aug. 26.

Calif., Point St. George — Road — Spec. 5256—Bureau Yards & Docks, Navy Dept., Wash., D. C., improving road at Crescent City Naval Radio Compass Station, here, to Webber Constr. Co., Crescent City, $5,570.

FEDERAL POWER COMMISSION

Application for License and Permits

Applications

739—Appalachian Electric Power Co., Richmond, Va.—Wants license 110 ft. concrete dam, 19 mi. long reservoir, etc. on New River, Pulaski Co.

740—Deschutes Power & Light Co., Bend, Ore.—Wants license 17 mi. transmission line in Deschutes Co.

741—J. Wittmann, 330 5th Ave., New York City—Wants preliminary permit power project in Sabino Canyon, Pima Co., Ariz., crossing the Coronado Natl. Forest and Fort Lowell military reservation.

742—Village of White River, Mellette Co., S. D.—Wants license minor power project in Little White River, crossing Rosebud tribal lands.

743—Navada Valleys Power Co., Lovelock, Nev.—Wants license about 29 mi. transmission line in Churchill, Lyon and Storey Counties.

744—Sierra and San Francisco Power Co., 58 Sutter St., San Francisco, Calif.—Wants license additions and reconstructions to Spring Gap Project in South and Middle Forks of Stanislaus River, Toulumne Co.

745—South Branch Power Co., Commercial Trust Bldg., Phila., Pa.—Wants preliminary permit 3 dams on Cacapon River, and 4 dams on South Branch Potomac River in Morgan, Hampshire, Grant and Hardy Counties, W. Va.

746—City of Augusta, Ga.—Wants license raising crest of existing dam across Savannah River, near here.

747—Alturus Electric Power Co., Alturas, Calif.—Wants license 350 hp. project on Pine Creek, branch of North Fork of Pitt River, Modoc Co.

Unclassified

Proposed Work

Memorial—New Britain, Conn.—City, E. F. Hall, chn. Bd. Finance, plans granite, bronze and concrete world war memorial. $160,000. H. Van Buren Magonigle, 101 Park Ave., New York City, engr.

Foundations—Albany, N. Y.—See "Buildings—Commercial"

Refrigerating Plant—Middletown, N. Y.—State Hospital Comn., Capitol, Albany, takes bids probably in December, refrigerating plant at Middletown State Hospital, here. S. W. Jones, Albany, state archt.

Subway—Harrisburg, Pa.—Election Nov. 2, $637,400 bonds, widening Market St. Subway.

Swimming Pool — Wilmette, Ill. — See "Buildings—Commercial."

Aeroplane Landing—Milwaukee, Wis.—Milwaukee Co. Park Bd., C. B. Whitnall, secy., 407 Bway., authorized improving aeroplane landing. $35,000.

Land Development—Kansas City, Mo.—Home Investment Co., 314 Commerce Bldg., making plans developing approximately 40 acres, incl. streets, sewers and waterworks. Tuttle Ayers & Woodward, 606 Interstate Bldg., engrs. and archts.

Natatorium—Kansas City, Mo.—Hippodrome Swimming Pool Corp., 544 Lathrop Bldg., making plans 135 x 200 ft., rein.-con., 1,500 seating capacity natatorium. Ash & Downing, Lima, O., engrs. and archts.

Union Station Plaza — St. Louis, Mo. — City Plan Comn. making preliminary plans double deck plaza with street level for street cars and station traffic, upper deck fountains, pools, etc. to be used for

Unclassified (Continued)

automobiles, between 18th, 20th, Market and Chestnut Sts. $1,289,000. H. Bartholomew, c/o owner, engr.

Gas Systems, etc.—Texas—G. Carter & associates, Ranger, plans gas system at San Angelo and Ballinger; also pipe line from 1,700 acre tract near Ranger to San Angelo and Ballinger. $200,000. Private plans.

Swimming Pool—Beaumont, Tex.—Voted $30,000 bonds, concrete swimming pool. R. C. Black, city engr.

Pier—Galveston, Tex.—G. Bell, Jr., takes bids about Nov. 1, 1680 ft. rein.-con. and steel, plain foundation, pleasure pier, 1st St. and new sea wall. $230,000. T. Hunter Co., c/o owners, engrs. Noted Sept. 2.

Pipe Line—Laredo, Tex.—O. W. Killam, soon lets contract 55 mi. 8 in. pipe line from east part Webb Co. to oil fields in Jim Hogg Co. $150,000. Private plans.

Pipe Line—San Antonio, Tex.—Southern Gas Co., c/o City Natl. Bank Bldg., soon takes bids 8 in. mains natural gas pipe line in Carolina-Texas Field, Webb Co. to Henne-Winche-Ferrsi Field in Jim Hogg Co. $75,000. Private plans.

Pipe Line—San Antonio, Tex.—Western Gas & Fuel Co. (subsidiary of Southern Gas Co., c/o City Natl. Bank Bldg.), soon takes bids 8 in. natural gas pipe line from Medina Co. gas fields to here. $90,000.

Subway—Seattle, Wash.—City Council making plans subway used for vehicular traffic on 8th Ave. S. between Drewry and Lucille Sts. $1,000,000.

Ornamental Lighting System—Berkeley, Calif.—Making new plans ornamental lighting system on portions University and Shattuck Aves. To exceed $100,000.

Ornamental Street Lighting — Beverly Hills, Calif. — Made plans ornamental street lighting system on Wilshire Blvd. $100,000. A. Matthews, city engr.

Swimming Pool — Los Angeles, Calif. — See "Buildings—Commercial."

Street Lighting System—Los Angeles, Calif. — Making plans ornamental lighting system on portions Fremont Ave., Lankershim and Beverly Blvds., etc. $185,000.

Standards—Oakland, Calif.—Made plans 350 standards, 20 ft. high in portions Bway., Washington Sts., etc. $200,000. C. E. Hardy, city electrical engr.

Piers—San Francisco, Calif.—California State Bd. Harbor Comrs., Ferry Bldg., plans extending Piers 30 and 32, 125 ft. each. To exceed $150,000 each. F. G. White, Ferry Bldg., engr.

Cable—London, Ont. — Utilities Comn. making plans removing overhead wires and laying cable underground for high tension hydro wires. $50,000. E. V. Buchanan, engr.

Bids Desired

Swimming Pool—Williamstown, Mass.—Nov. 2, by Densmore LeClair & Robbins, archts. and engrs., Park Sq. Bldg., Boston, concrete swimming pool and gymnasium addition, here, for Williams College. Noted Oct. 7.

Playground—Brooklyn, N. Y.—Nov. 4, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., excavating, paving, fencing, etc. playground adjoining P. S. 109, Dumont Ave. and Powell St., here, for Bd. Educ. 500 Park Ave., New York City.

Playground—New York, N. Y.—Nov. 4, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, excavating, paving, fencing, etc. playground adjoining P. S. 58, Washington Ave. and East 176th St., Bronx Borough, for Bd. Educ., 500 Park Ave.

Playground—New York, N. Y.—Nov. 4, by W. H. Gompert, supt. School, Buildings, Flatbush Ave. extension and Concord St., Brooklyn, excavating, sidewalks, curbing, fencing, etc. playground adjoining P. S. 50, East 20th St. here, for Bd. Educ., 500 Park Ave.

Borings—New York, N. Y.—Nov. 4 by J. Miller, pres. Manhattan Borough, Municipal Bldg., borings in connection with final plan for express highway along west side Manhattan from Canal to West 72nd Sts. Noted July 1 under "Streets and Roads."

Gallows Frames—New York, N. Y.—Nov. 5, by A. Goldman, comr. Plant & Structures, Municipal Bldg., gallows frames and operating equipment for Slip 3, Whitehall Ferry Terminal, foot Whitehall St., Manhattan Boroug', and at Slip 5, St. George Ferry Terminal, Richmond Borough.

Wading Pool, etc.—Yonkers, N. Y.—Nov. 9, by Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, constructing wading pool shelter, boating shelter, bandstand, etc., at Tibbetts Brook Park, here; adv. E. N.-R. Oct. 28.

Foundation — Charleroi, Pa. — Charleroi Monesson Hospital, South Charleroi, taking bids substructure 3 story, 50 x 60 ft., and 45 x 300 ft., brick and steel hospital. $400,000. S. F. Heckert, Bessemer Bldg., Pittsburgh, archt.

Railroad Crossings, etc.—Phila., Pa.—Nov. 4, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., railroad crossings, etc., Contr. 59. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Heating and Ventilating System—Portage, Pa.—Nov. 6, by F. Cramer, secy. Portage Twp., heating and ventilating system for 3 story, 80 x 130 ft. school at Prospect, Portage Twp.

Plumbing, Heating, etc.—Columbus, O.—Nov. 15, by Bd. Educ., plumbing, heating, temperature regulation, ventilating and vacuum cleaning systems, etc. in Junior High School. Noted Sept. 23 under "Buildings—Educational, Religious."

Stadium—St. Louis, Mo.—Nov. 3 (extended date), by Bd. Educ., 911 Locust St., 325 x 660 ft., rein.-con. stadium, 15,000 seating capacity and running track in athletic field. $351,000. R. M. Milligan, comr. Noted July 29.

Transmission Line — Burnet, Tex. — See "Contracts Awarded."

Ornamental Lighting System — Beverly Hills, Calif.—Nov. 15, by City Trustees, cast iron standards, conduits, etc., on Wilshire Blvd. To exceed $25,000.

Ornamental Street Lighting — Long Beach, Calif. — City Council taking bids ornamental street lighting system on 7th St. between Alamitos St. and Redondo Blvd. To exceed $40,000.

Pier—Oakland, Calif.—Nov. 4, by E. K. Sturgis, city clk., 600 ft. rein.-con. pier, 419 ft. wide, concrete piles, etc., Grove St. G. B. Hehardt, Oakland Bank Bldg., engr.

Wharf Bulkhead—San Francisco, Calif.—Nov. 4, by State Bd. Harbor Comrs., Ferry Bldg., 1 story, 68 x 400 ft. frame stucco wharf bulkhead building with 2 main pier entrances. To exceed $150,000. F. G. White, Ferry Bldg., engr.

Bids Received

Heating System, etc.—Laurel, Md.—Dist. Comrs., District Bldg., Wash., D. C., heating system and plumbing for power house, Laurel District Training School, from Kirwan Eng. Co., 1308 East Baltitmore St., $39,000.

Contracts Awarded

Transmission Line—Providence, R. I.—City, Water Bd. City Hall, 22,000 volt transmission line from Hope Hill Pond to Scituate Dam, to M. J. Daley & Co. Inc., 264 Main St., Springfield, Mass. Noted Oct. 14.

Lumber Shed — Phila., Pa. — G. Steele Lumber Co., 19th and Somerset Sts., 1 story, 72 x 288 ft. lumber shed, steel and galvanized iron, to J. Gill Constr. Co., City Center Bldg.

Playground — Baltimore, Md. — Bd. Awards, to W. F. Huse, 2600 Montebello Ave., playground and area around Hamilton School, Glenmore and Christopher Aves. $10,247, Arlington School, Rogers and Denmore Aves. $16,812, and Windsor Hills School, Alto Ave. east of Lyndhurst Ave. $16,138. Grand total $43,197. Noted Oct. 21.

Subway—Clarksdale, Miss.—See "Buildings—Commercial."

Lighting System — Bexley (Columbus P. O.), **O.**—R. W. Roderick, village clk., 97 ornamental lights and 40,000 ft. cable on 8 streets, to C. M. Kelso, 1065 Reibold St., Dayton. $22,379. Noted Oct. 21.

Swimming Pool — Springfield, O. — See "Buildings—Commercial."

Foundation and Basement—Duluth, Minn.—See "Buildings—Commercial, under Bids Desired."

Coaling Station—Washington, Mo.—Missouri Pacific R.R. Co., E. A. Hadley, Ry. Exch. Bldg., St. Louis, ch. engr., rein.-con. mechanical coaling station, here, to Folwell-Ahlskog, 323 North Michigan Ave., Chicago, Ill., $52,000.

Transmission Line—Burnet, Tex.—Texas Power & Light Co., Waco, will build 20 mi. power transmission line from here to Lampasas, with own forces. $40,000. Private plans.

Foundation—Los Angeles, Calif.—N. W. Stowell, foundation for 100 x 144 ft. theatre, 1040 Hill St., to Scofield Engr. Constr. Co., Pacific Finance Bldg., $75,000. Noted June 10 under "Buildings—Commercial."

Lighting System—Los Angeles, Calif.—Los Angeles Co., ornamental street lighting system on Rose Villa Ave., Impvt. Dist. 540, to Arcadia Constr. Co., P. O. Box 553, Arcadia, $27,475.

Lighting System—Los Angeles, Calif.—Ornamental lighting system on 73rd St. between Western and 8th Aves., to J. R. Davies, 2131 Santee St., $42,225. Noted Aug. 26.

Dyke—Oakland, Calif.—Rock dyke for Grove St. Pier, to Daniel Contg. Co., 503 Market St., San Francisco, $1.70 per ton. Noted Oct. 21.

Land Development—San Francisco, Calif.—Parkside Realty Co., Crocker Bldg., grading, sewers, paving, curbing, etc., to Fay Impvt. Co., Phelan Bldg., to exceed $500,000; also plans cottages and artificial lake, etc., total expenditure $5,750,000.

Pier — San Francisco, Calif. — State Bd. Harbor Comrs., solid fill on inner part and rock wall for Pier 45, to Healy-Tibbitts Constr. Co., 64 Pine St., $1,090,842. Noted Oct. 14.

Materials

Proposed Work

Asphalt Cement—Milwaukee, Wis.—J. W. Nicholson, city ch. buyer, takes bids after Jan. 1, 500 tons asphalt paving cement. To exceed $5,000.

Bids Desired

Pipe, etc.—Providence, R. I.—Nov. 8, by City Clerks Office, sewer pipe, branches, water gates, hydrants, boxes, special castings, c.i. water pipe, commercial building brick, hard burned brick, etc.

Broken Stone—St. George, N. Y.—Nov. 1, by J. A. Lynch, pres. Richmond Borough, Borough Hall, 500 cu.yd. 1½ in. broken stone, in Dist. 2; 500 cu.yd. ¾ in. broken stone in Dists. 1 and 2; 250 cu.yd. screenings, also 30,000 gal. asphaltic macadam binder, etc.

Granite Blocks—St. George, N. Y.—Nov. 3, by J. A. Lynch, pres. Richmond Borough, Borough Hall, 7,500 standard 5 in. granite paving blocks to store yard, Bureau of Highways, DuBois Ave., West New Brighton; also 250 bbl. tar for patching and repairing concrete roads, and 250 bbl. tar for cold applications, as directed.

Portland Cement—St. George, N. Y.—Nov. 5, by J. A. Lynch, pres. Richmond Borough, Borough Hall, portland cement, stone, sand, brick, and lumber as directed.

Gravel—Louisiana—Nov. 4, by State Hy. Comn., Baton Rouge, approximately 13,600 ft. washed gravel f.o.b. Fur. for State Project 548-A, Moreauville-Morrow Highway, Avoyelles Parish. W. B. Robert, Reymond Bldg., highway engr.

Pig Lead, etc.—Chicago, Ill.—Nov. 3, by City, City Hall, 100 tons pig lead by rail and truck at various City Pipe Yards and 10,000 lb. plumbers solder at Pipe Yard D, 2352 South Ashland Ave. A. A. Sprague, comr. Pub. Wks.

Joint Bars, etc.—Phila., Pa.—Nov. 1, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., joint bars, track bolts and spikes, Contr. 56. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Bridge Lumber — Knoxville, Ia. — Nov. 9, at office Auditor Marion Co., furnishing 8 car loads sawed bridge lumber. R. T. Johnson, Knoxville, co. engr.

Wire—Wellington, New Zealand—Nov. 30, by Controller of Stores, Post & Telegraph Dept., 2 tons wire, galvanized binding 60 lb. per mi.

Bids Received

Cement, etc. — New York, N. Y. — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., Oct. 19, 3,000 bags portland cement, from J. A. McCarthy, 551 Exterior St., $2,010; 3,000 cu.yd. coal ashes from Highbridge Supply Co., Harlem River and 169th St., $3,600; street signs, from Municipal Street Sign Co., 287 Bway., $7,382; and 1,000 cu.yd. binder stone, from New York Trap Rock Co., 101 Park Ave., $2,100. Noted Sept. 14.

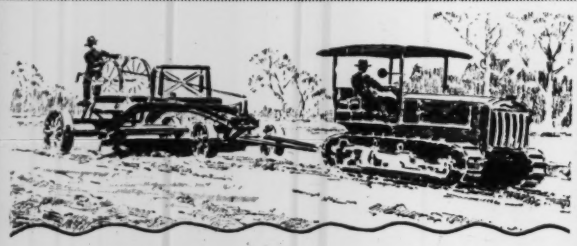
Concrete—St. George, N. Y.—J. J. Lynch, pres. Richmond Boro Oct. 21, 600 tons bituminous concrete, from C. F. McAteer, 489 Bay St., $9,000.

Contracts Awarded

Sand, etc. — Long Island City — M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., 3,000 cu.yd. sand, to Peace Bros. Inc., 57 Laurence St., Flushing, $4,950; 7,500 gal. motor oil in drums, to Swan & Finch Oil Corp., Linden, N. J. $1,789; and 125,000 gal. gasoline in drums, to Utility Oil Corp., 175 Hunter Ave., $16,563. Grand total $23,302. Noted Oct. 7.

See proposal advertising on page 119

Constr. News page 291



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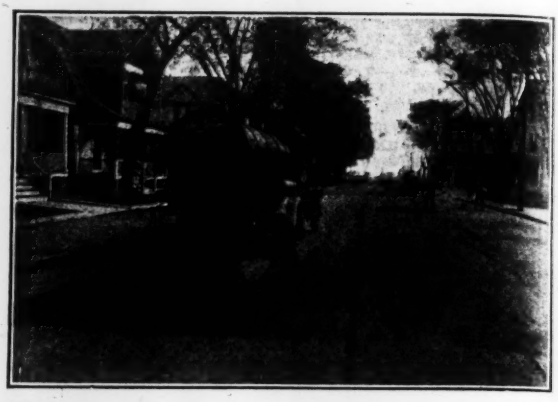

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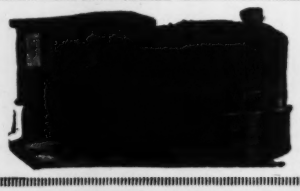

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